

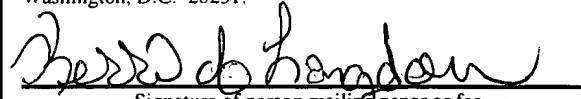
## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: )  
 Charles L. Branch et al. )  
 Serial No. )  
 Filed Herewith )  
 INTERBODY FUSION GRAFTS )  
 AND INSTRUMENTATION )

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Date of Deposit:

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TRANSMITTAL OF FORMAL DRAWINGS

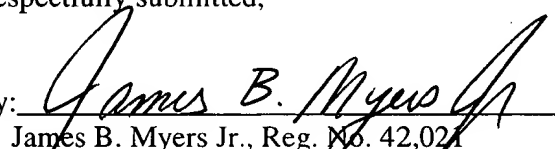
Hon. Commissioner for Patents  
 Washington, D.C. 20231

Dear Sir:

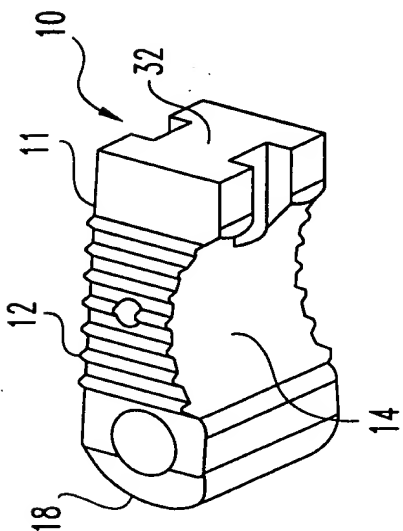
Enclosed herewith are 34 sheets formal drawings including changes in the proposed drawing correction in the Preliminary Amendment. It is requested the formal drawings be substituted for the drawings originally filed in the above-identified application.

Respectfully submitted,

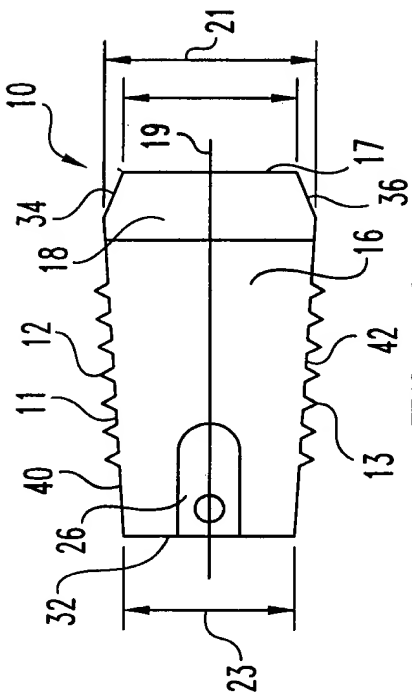
By:

  
 James B. Myers Jr., Reg. No. 42,021  
 Woodard, Emhardt, Naughton,  
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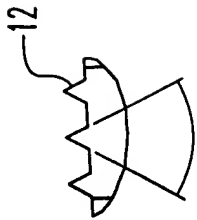
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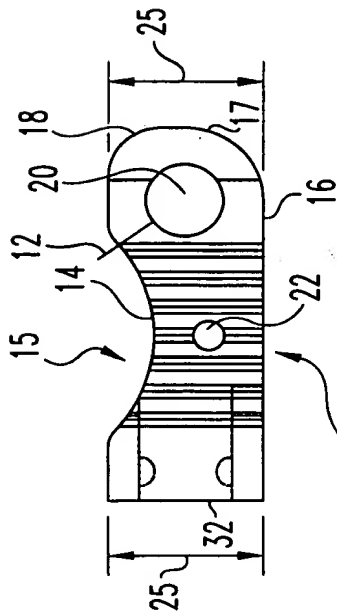
**Fig. 1**



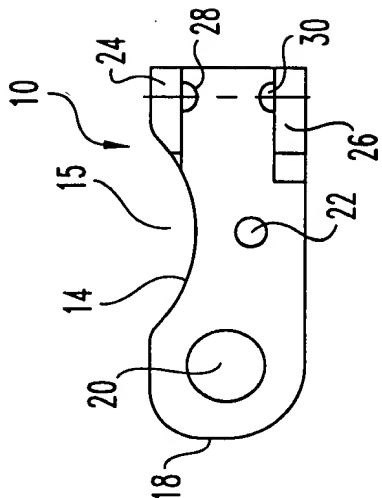
**Fig. 2**



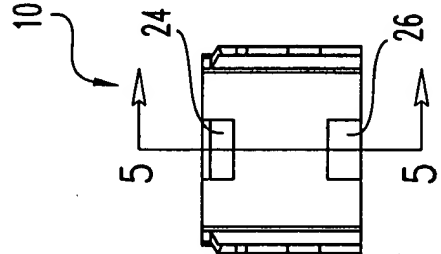
**Fig. 2a**



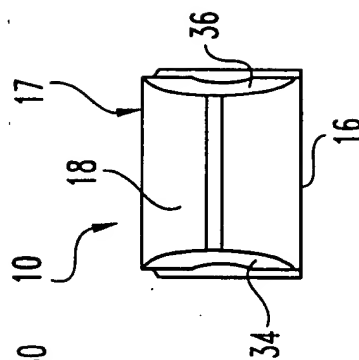
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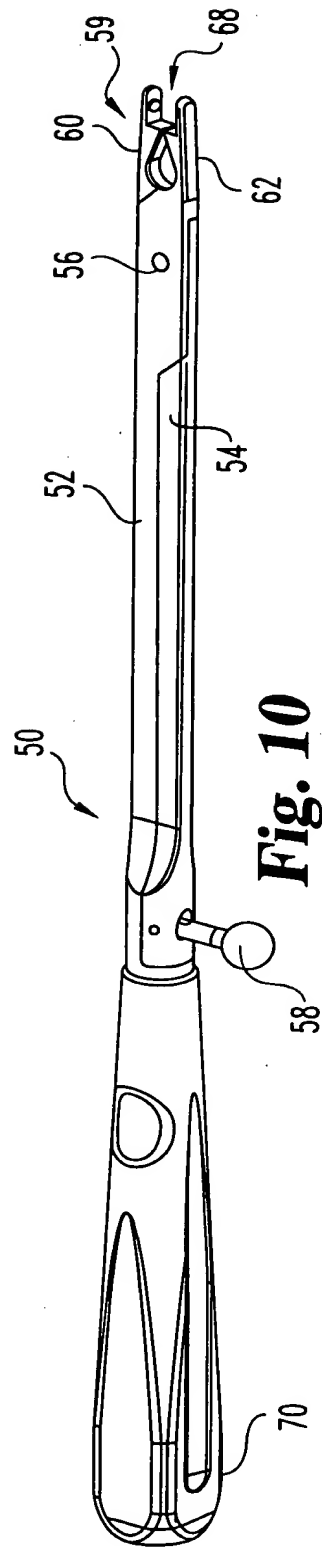
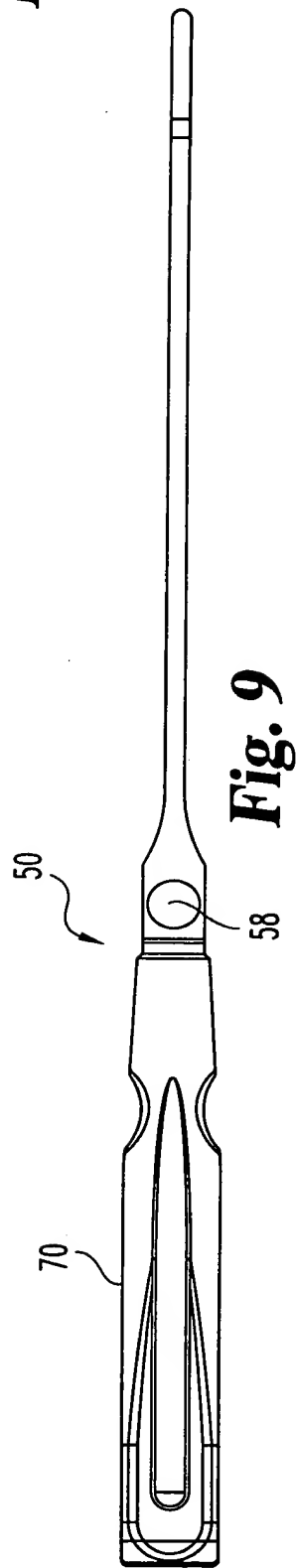
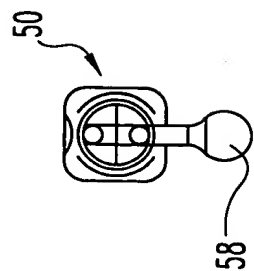
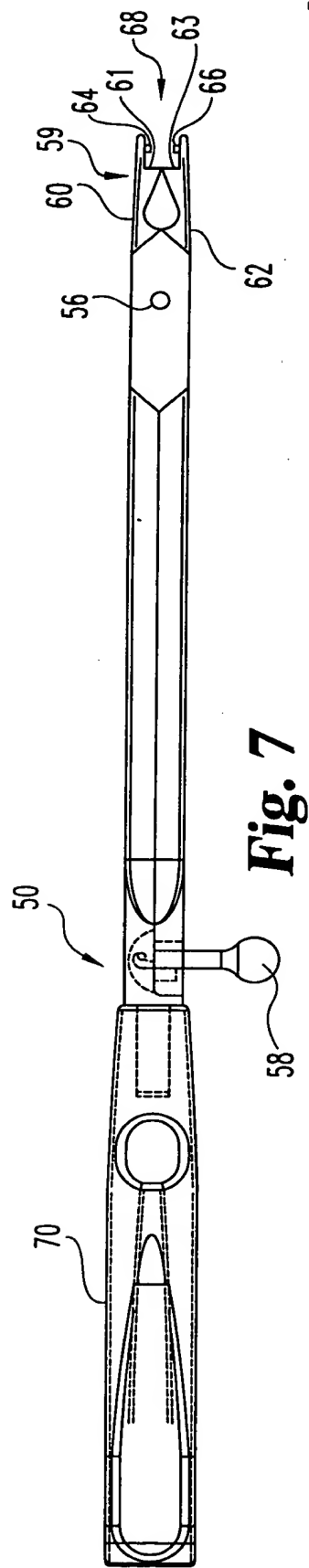
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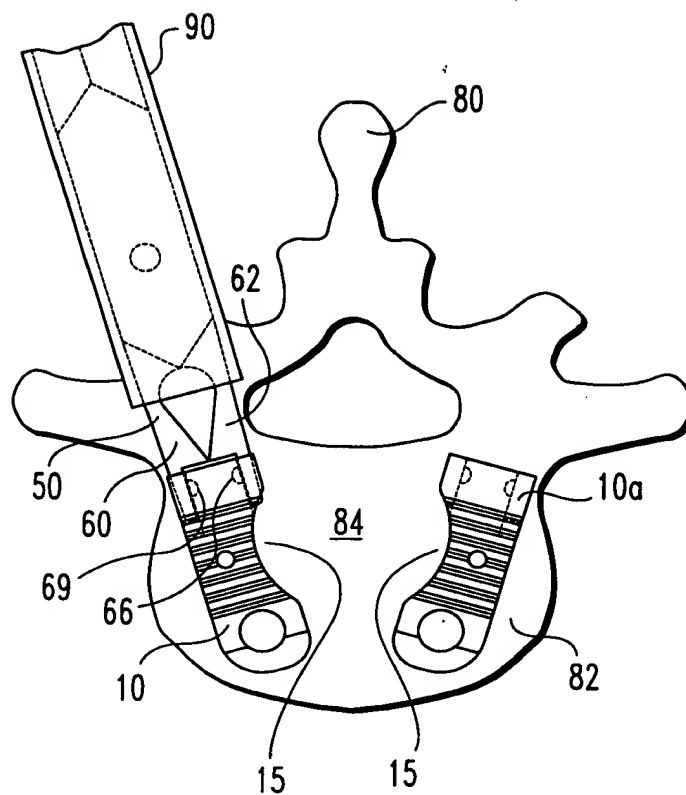


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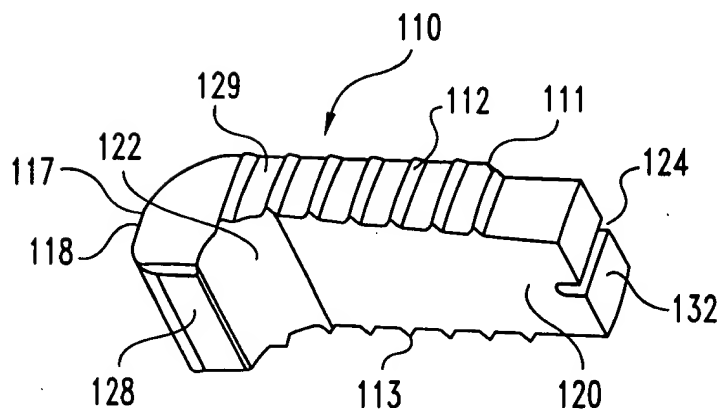


**Fig. 6**

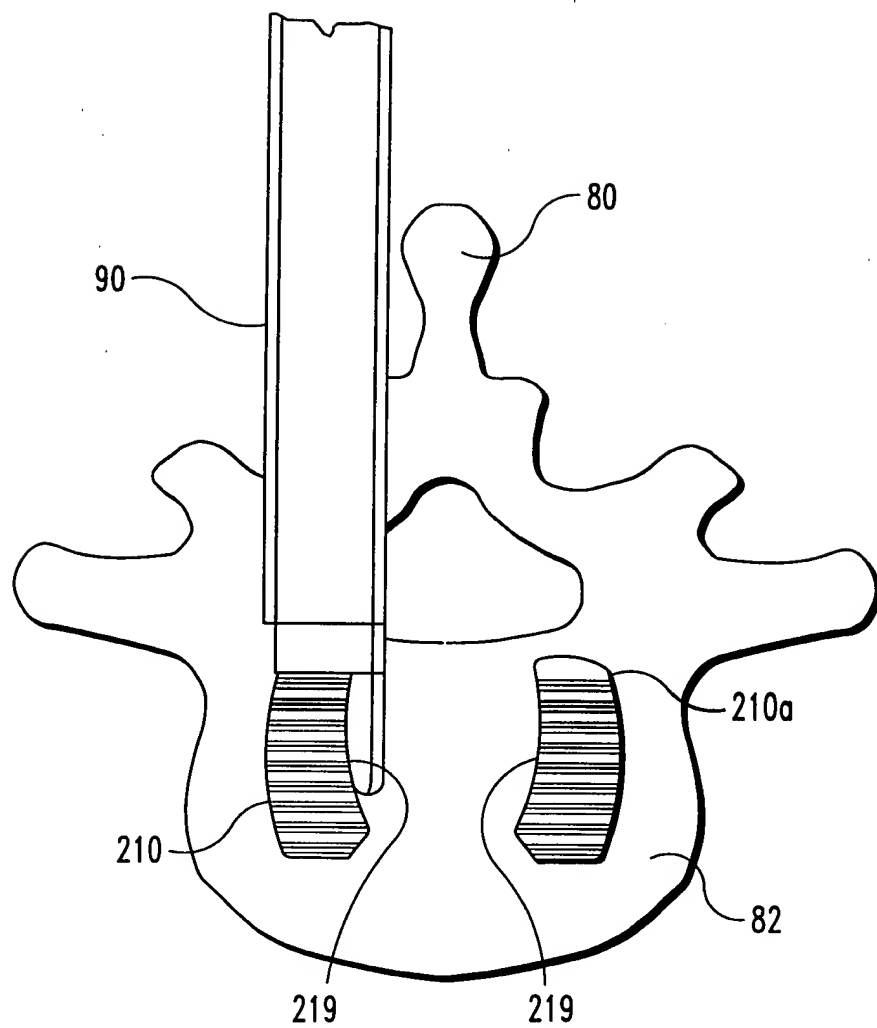




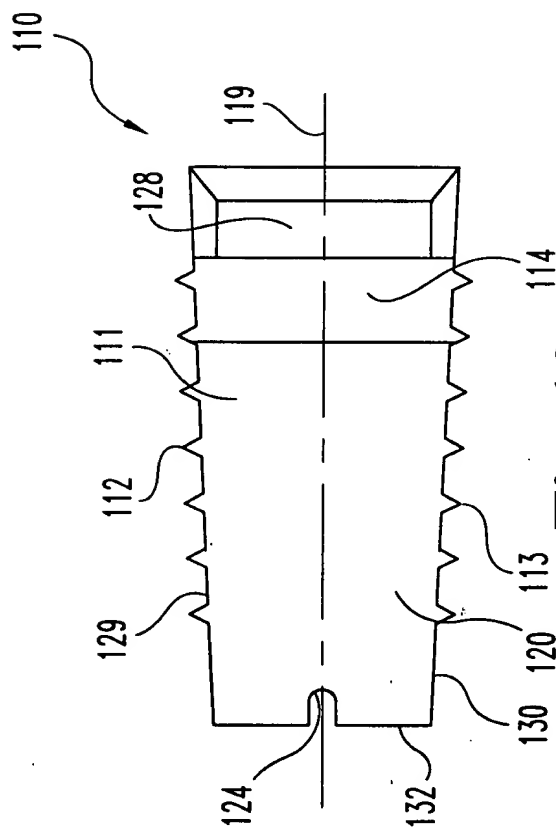
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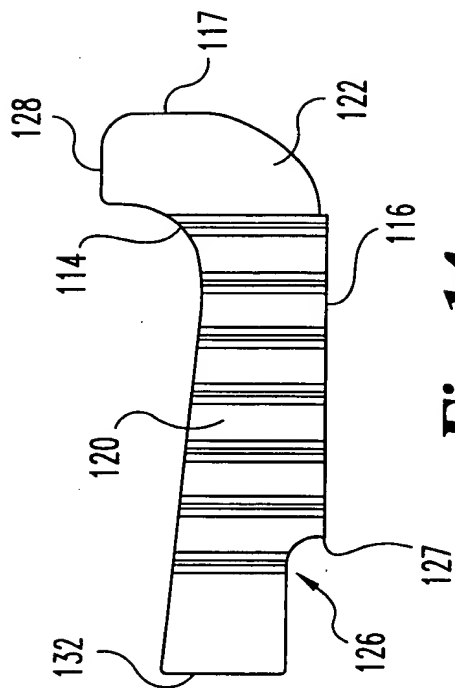
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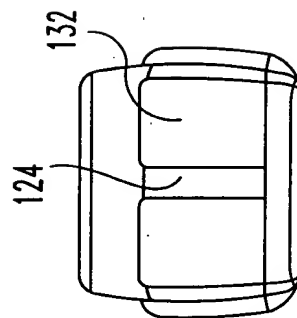
**Fig. 11a**



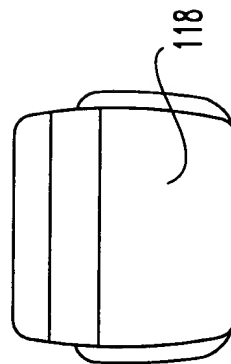
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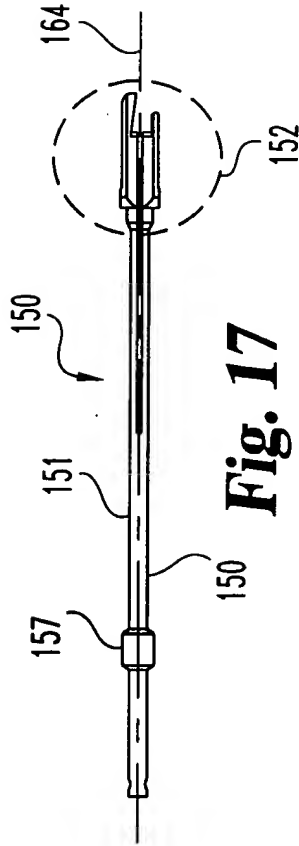
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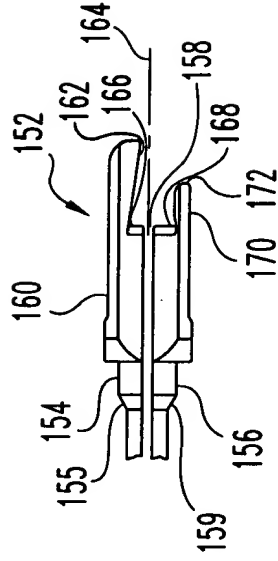
**Fig. 15**



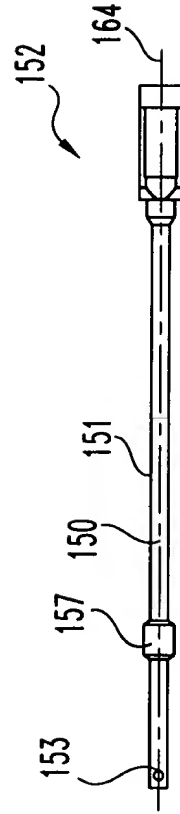
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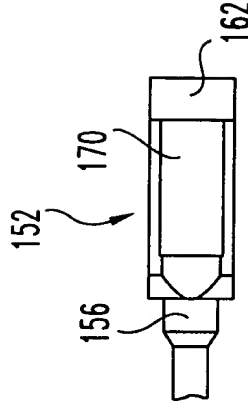
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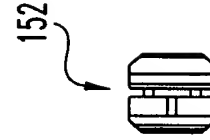
**Fig. 17a**



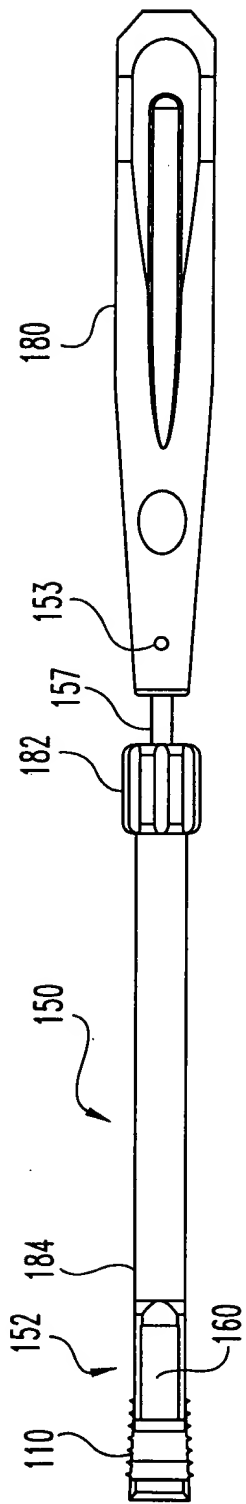
**Fig. 18**



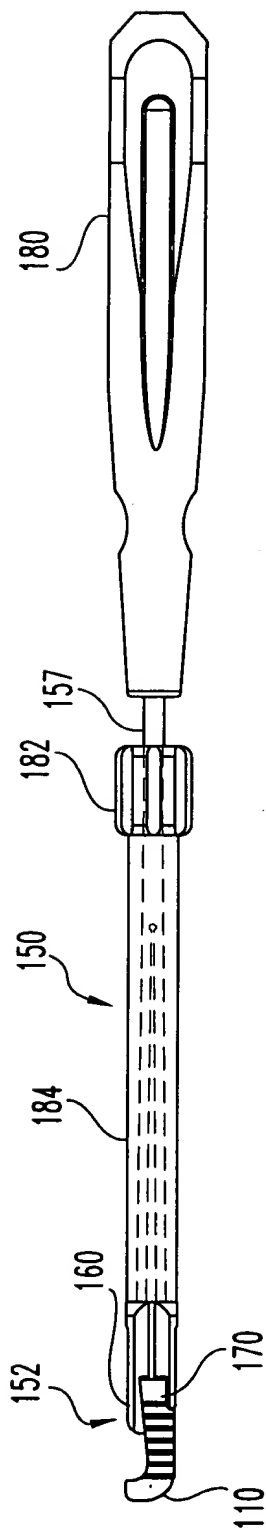
**Fig. 18a**



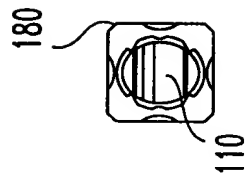
**Fig. 18b**



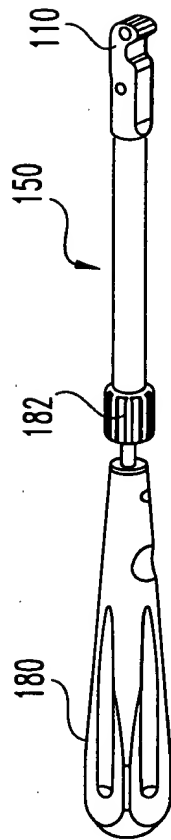
**Fig. 19**



**Fig. 20a**

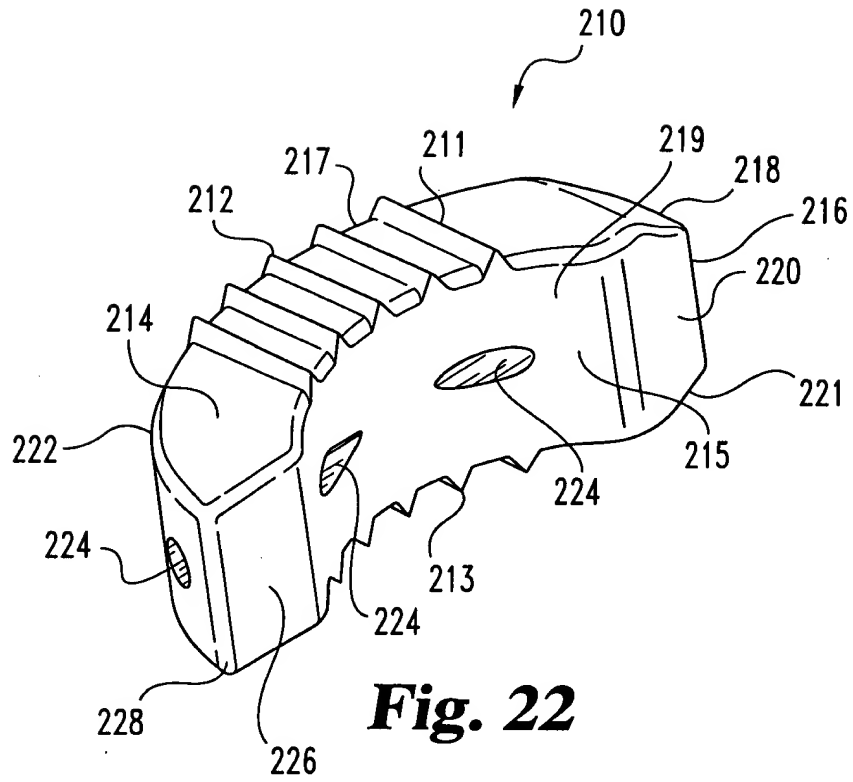


**Fig. 20b**



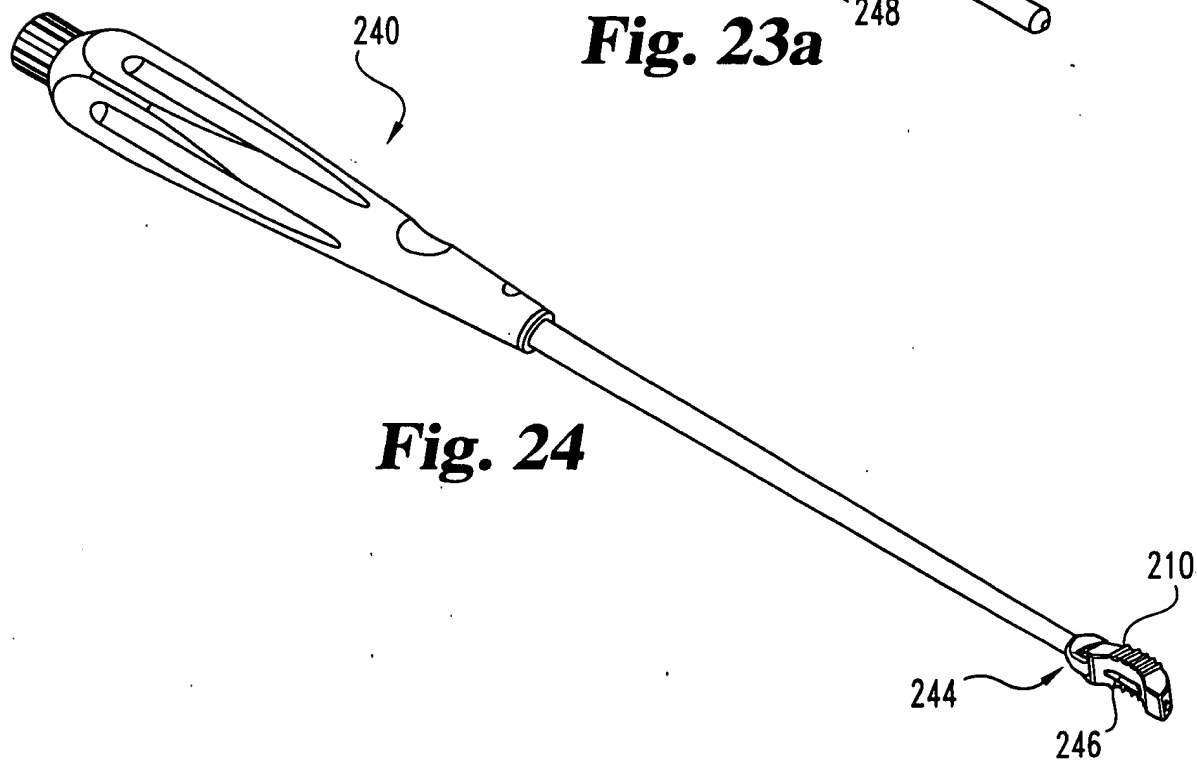
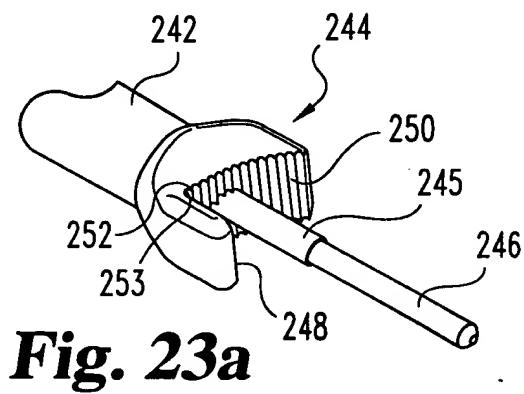
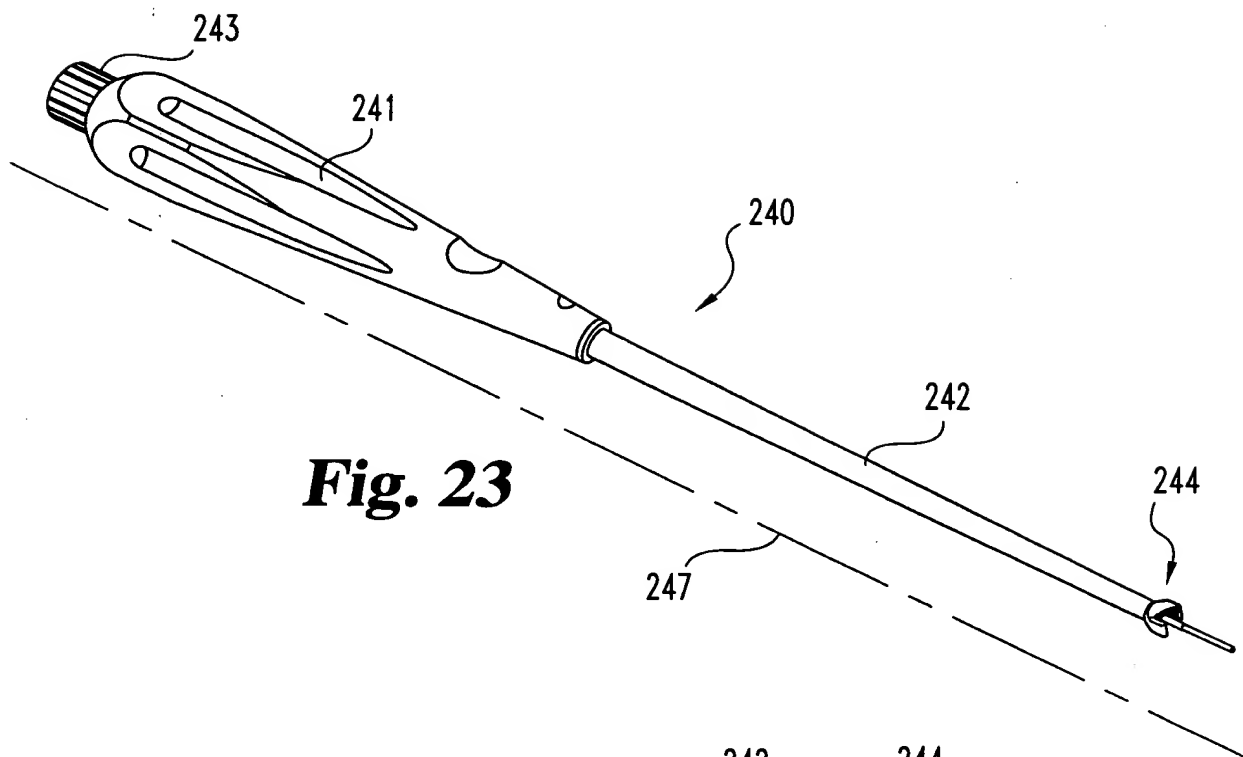
**Fig. 21**





**Fig. 22**

0970023-100101



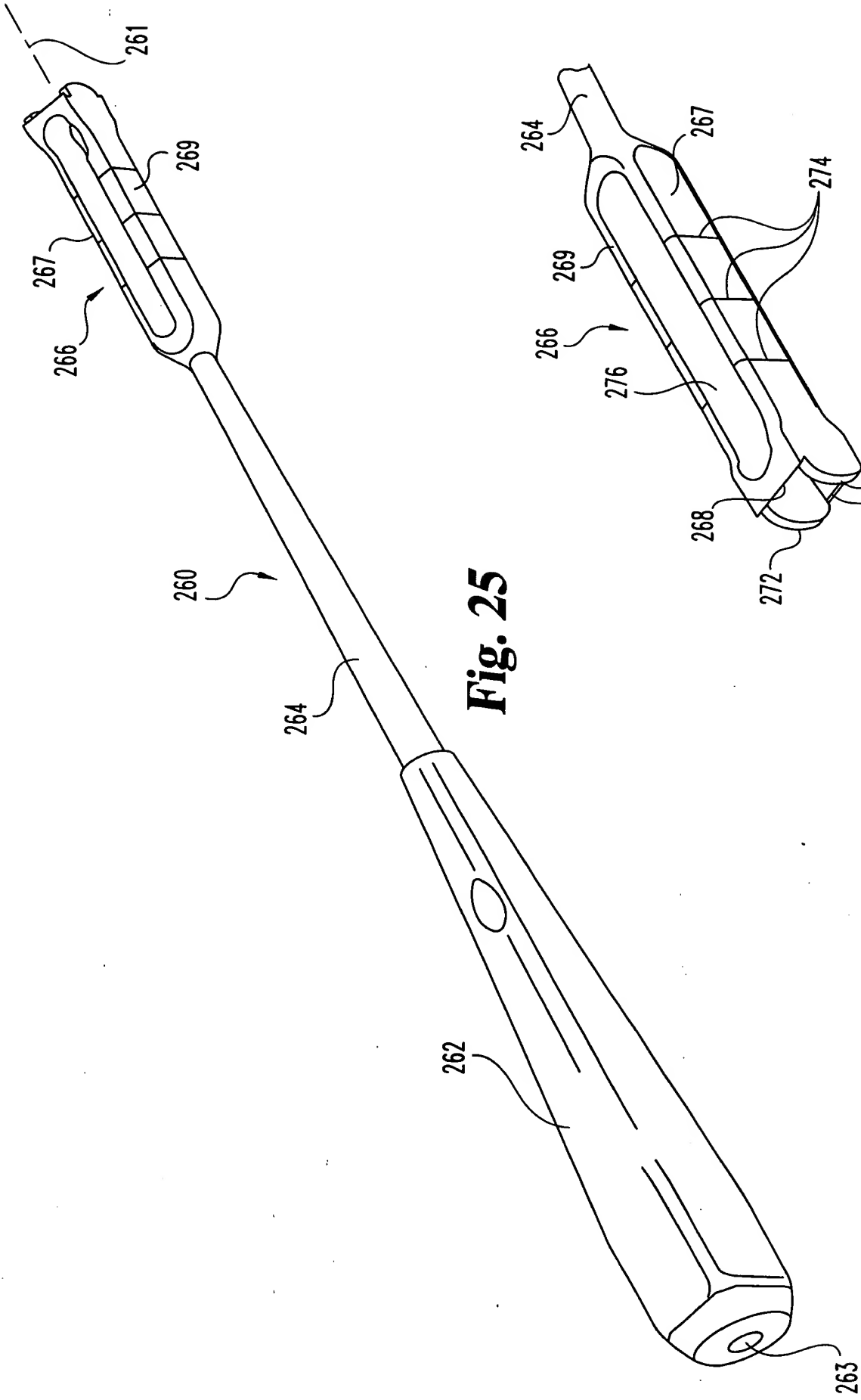


Fig. 25

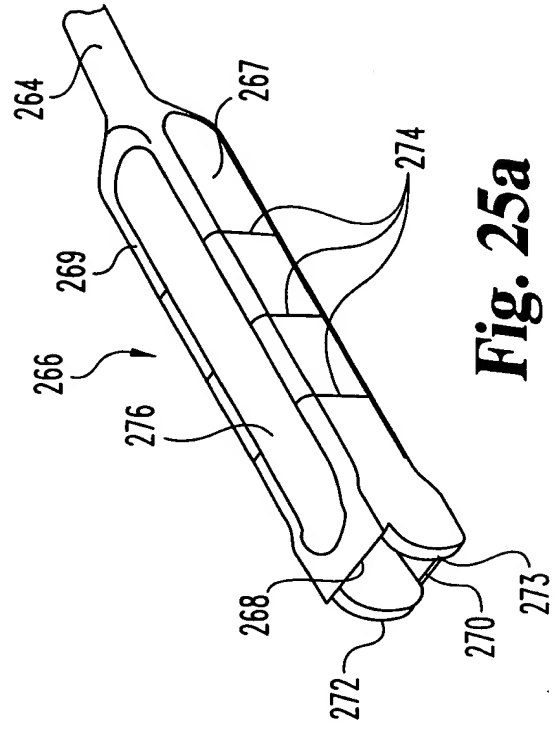
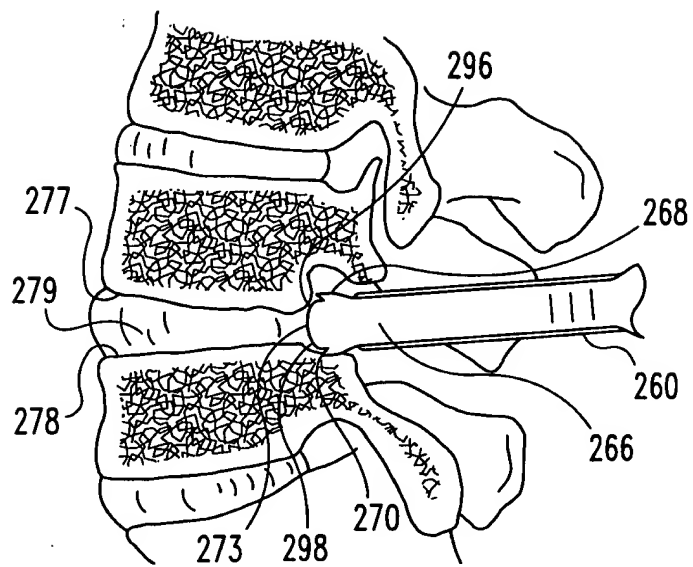
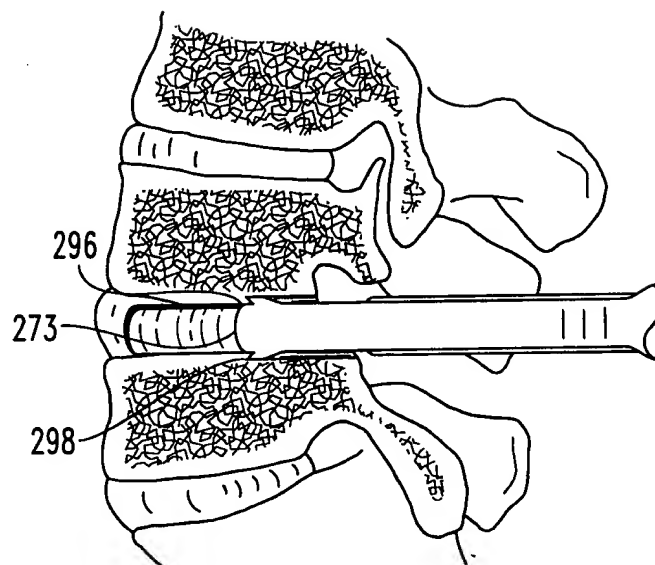


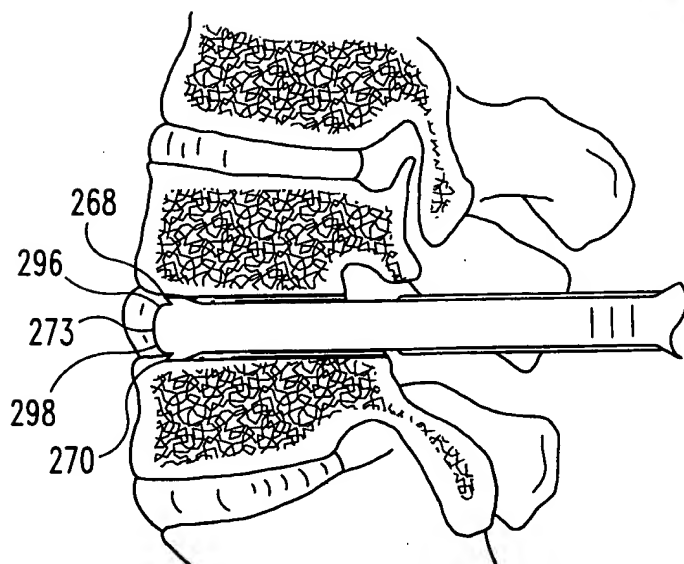
Fig. 25a



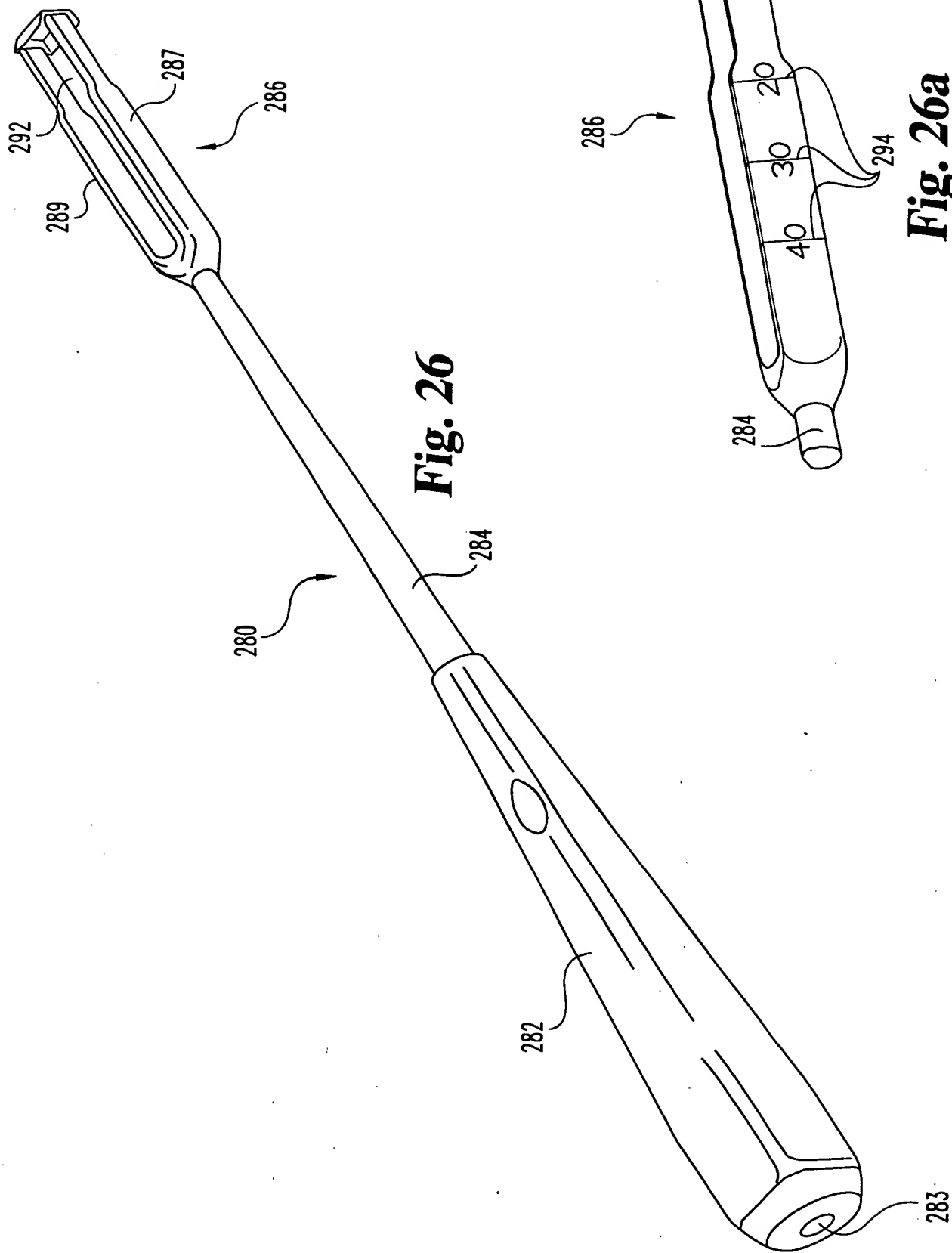
**Fig. 25b**



**Fig. 25c**



**Fig. 25d**



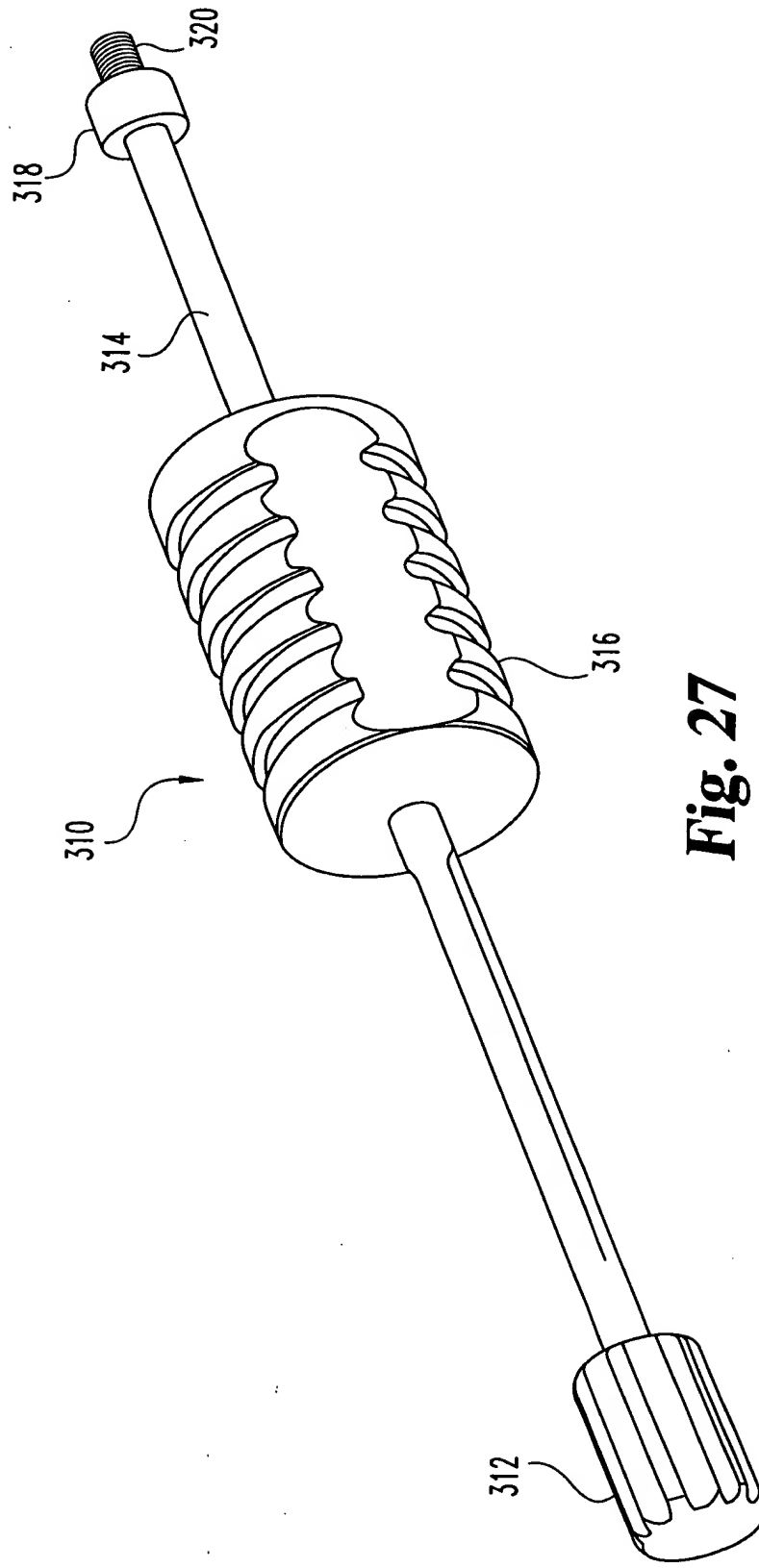
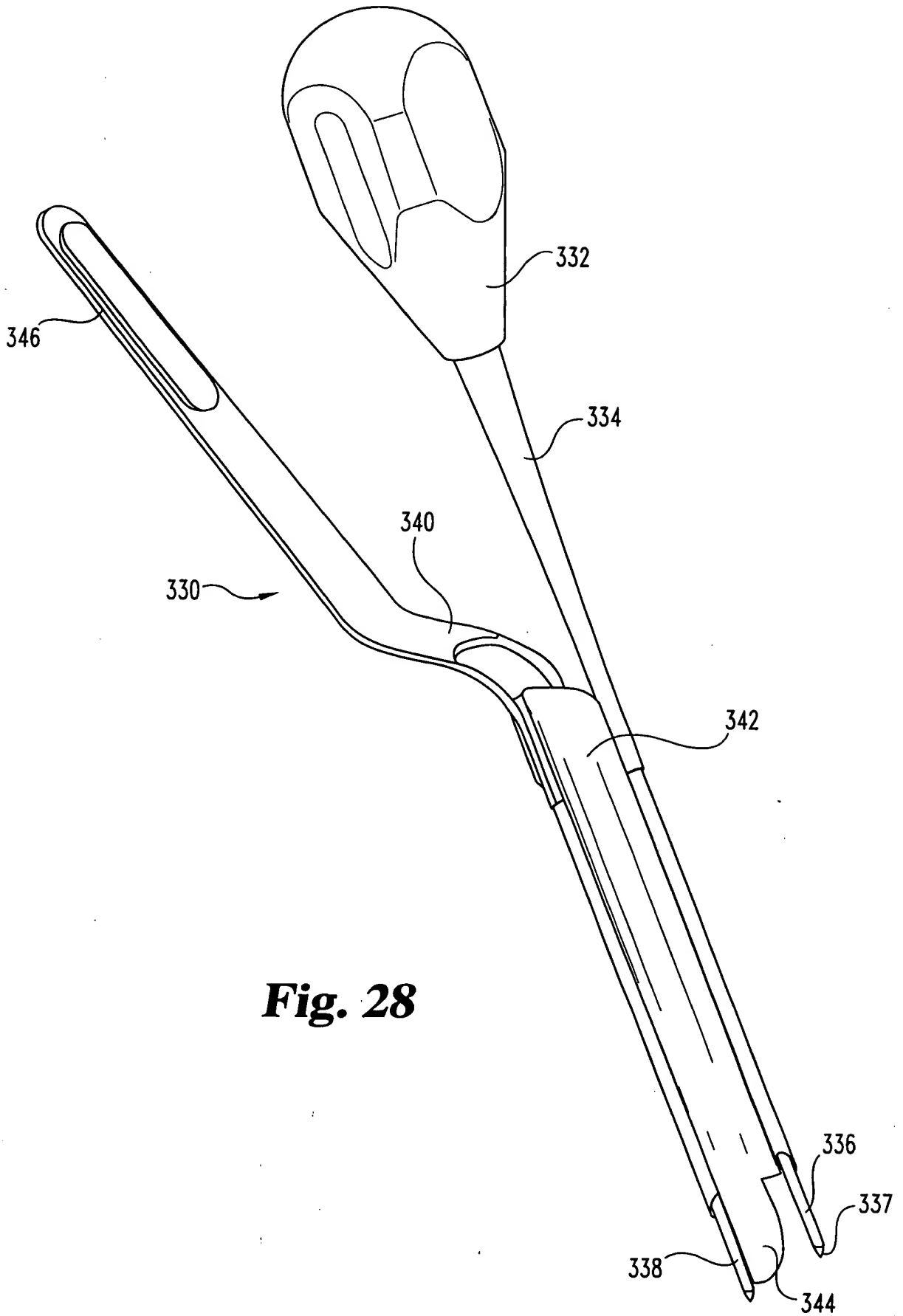
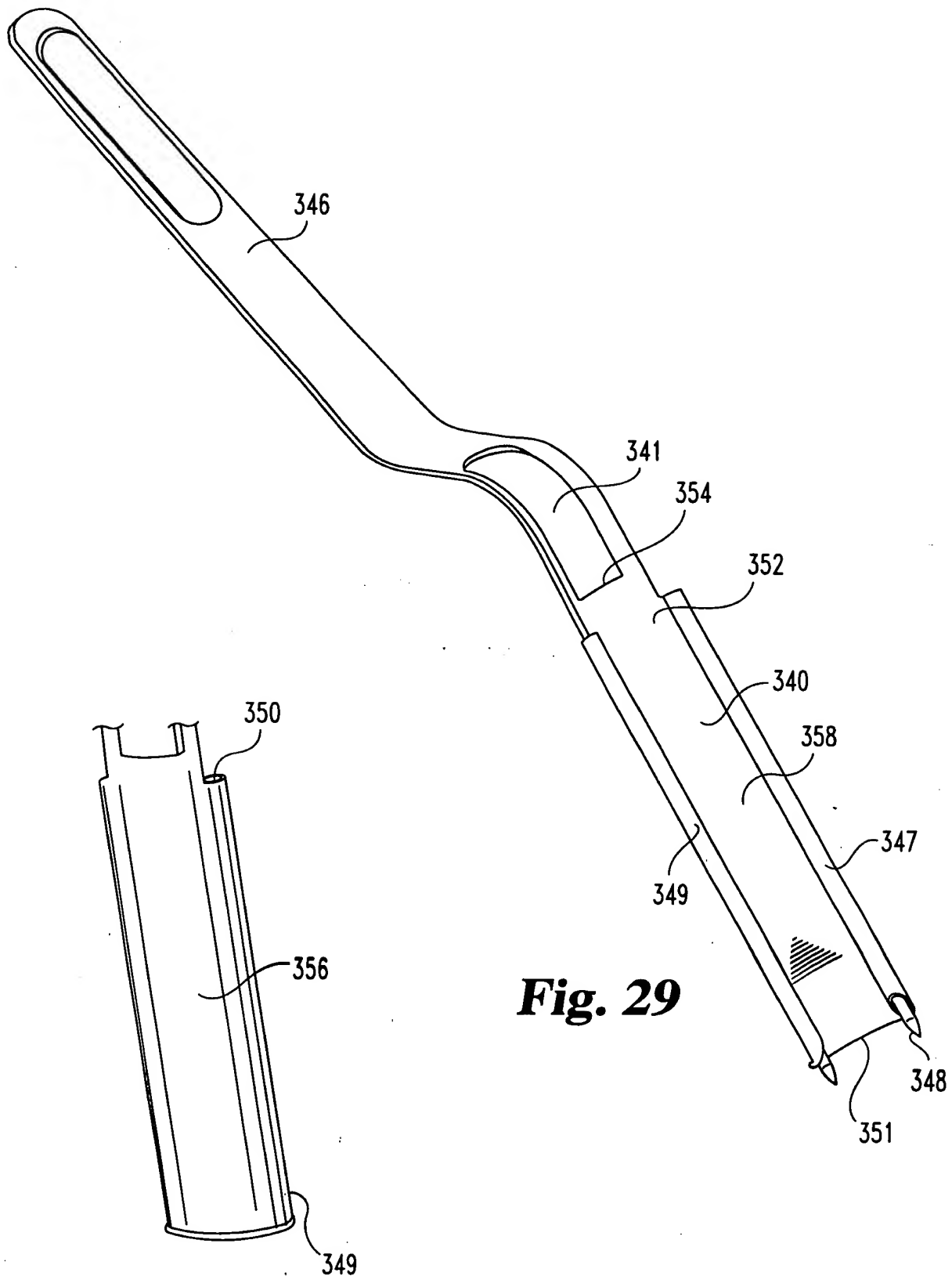


Fig. 27







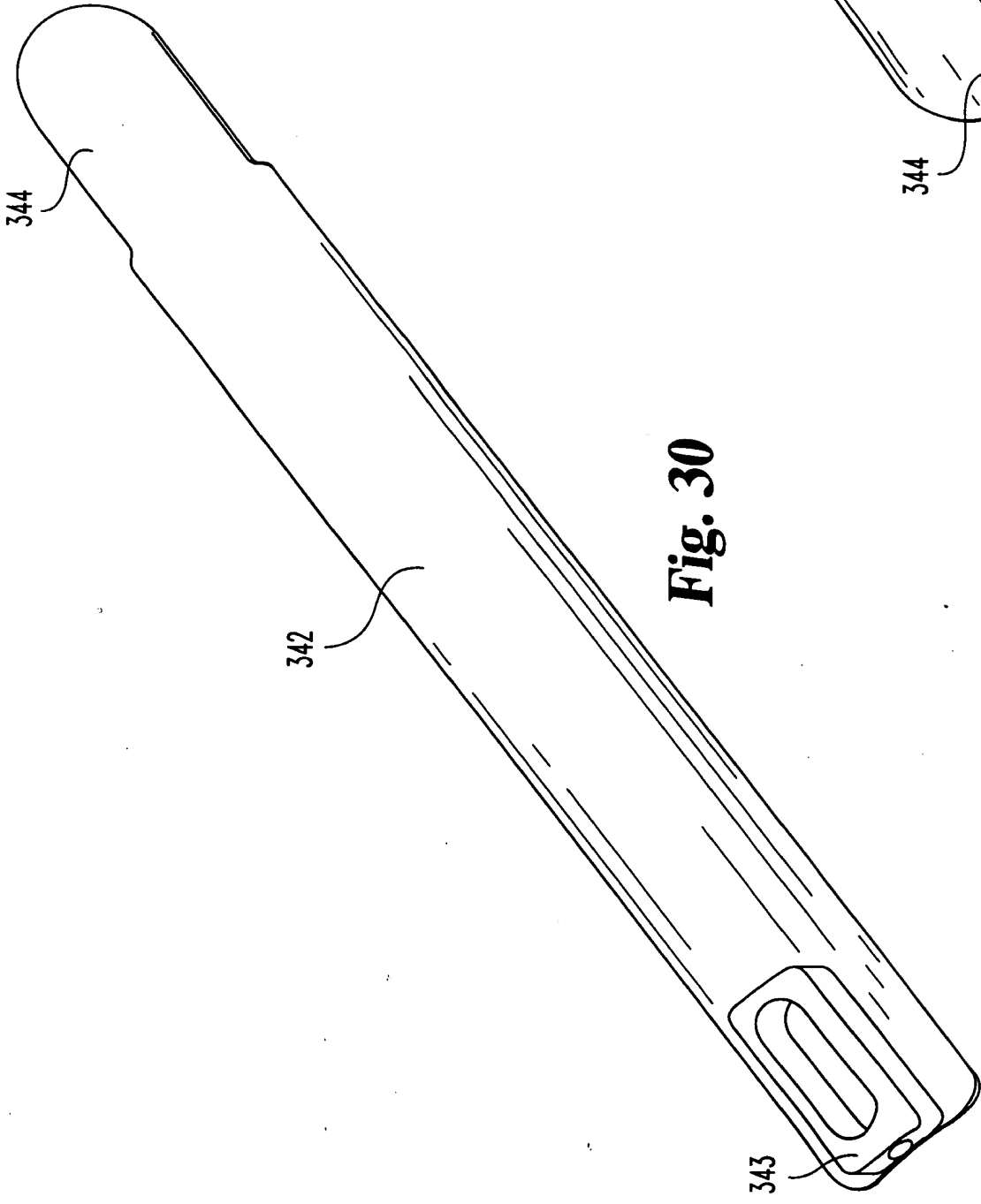


Fig. 30

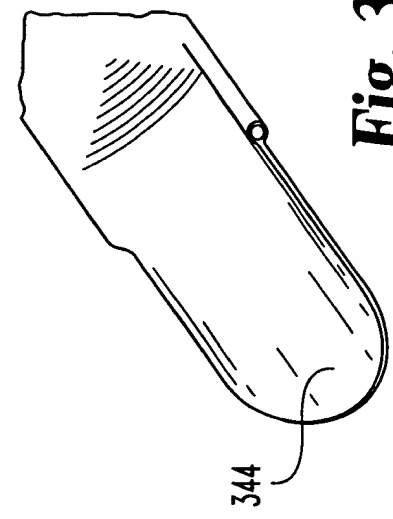


Fig. 30a



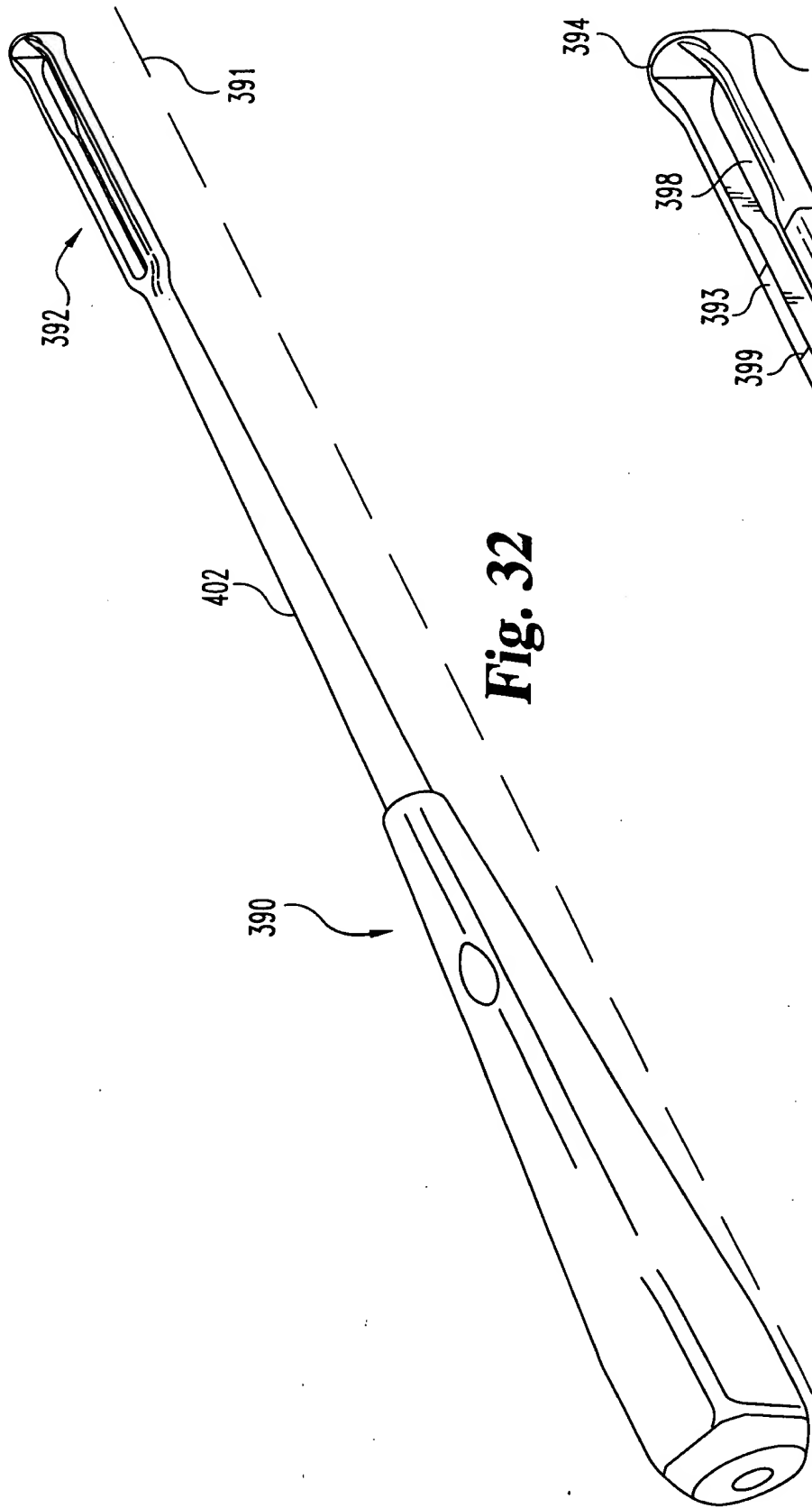


Fig. 32

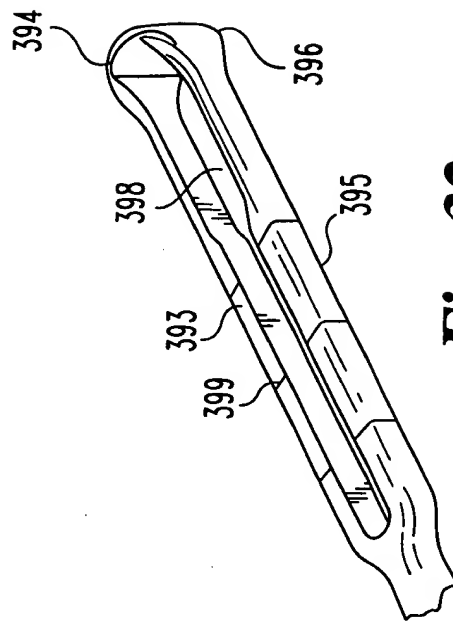


Fig. 32a

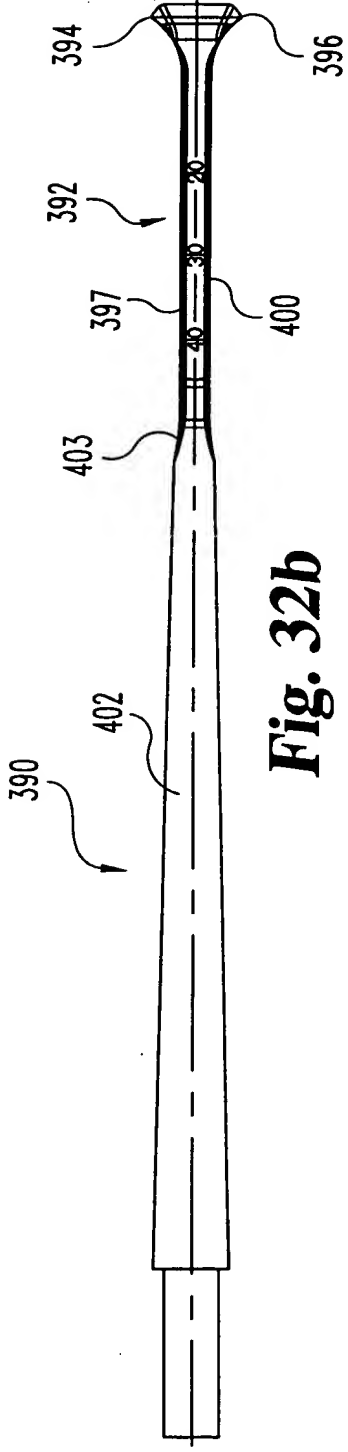


Fig. 32b

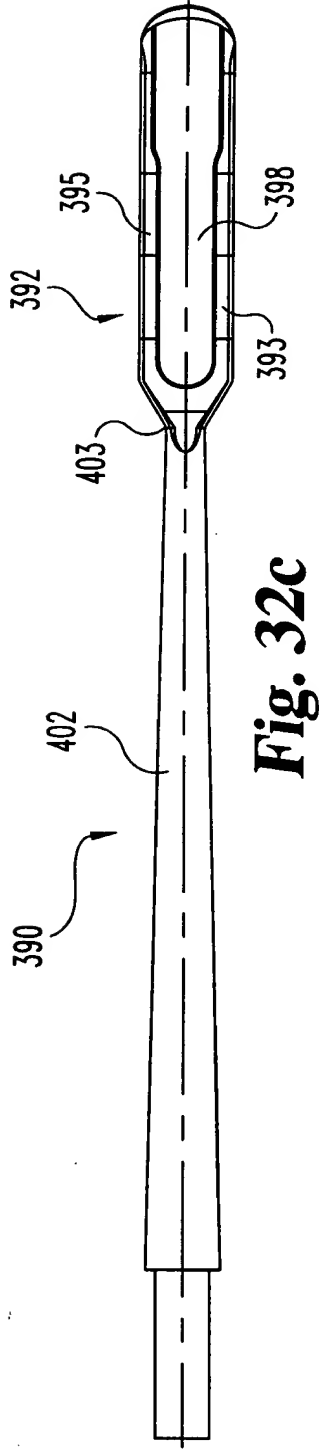


Fig. 32c

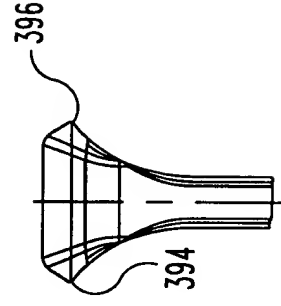


Fig. 32d

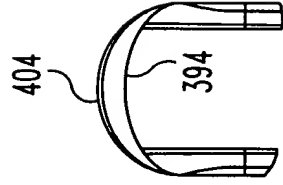


Fig. 32e

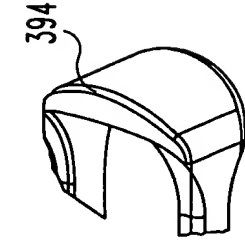
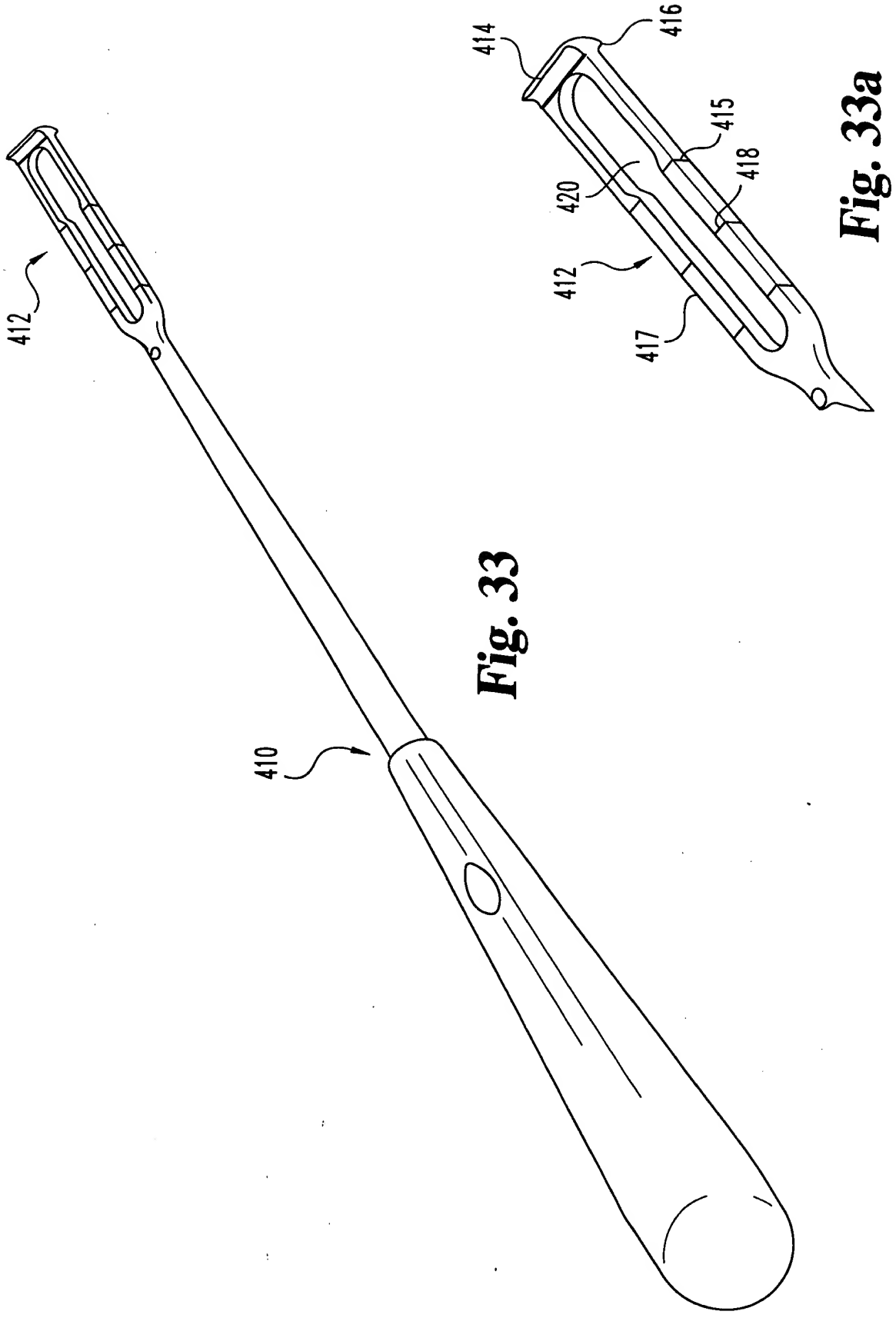


Fig. 32f



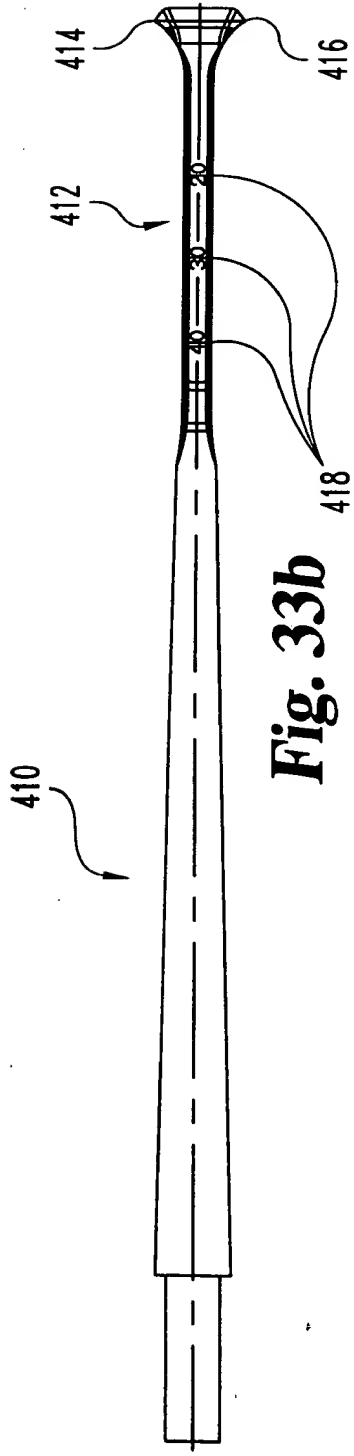


Fig. 33b

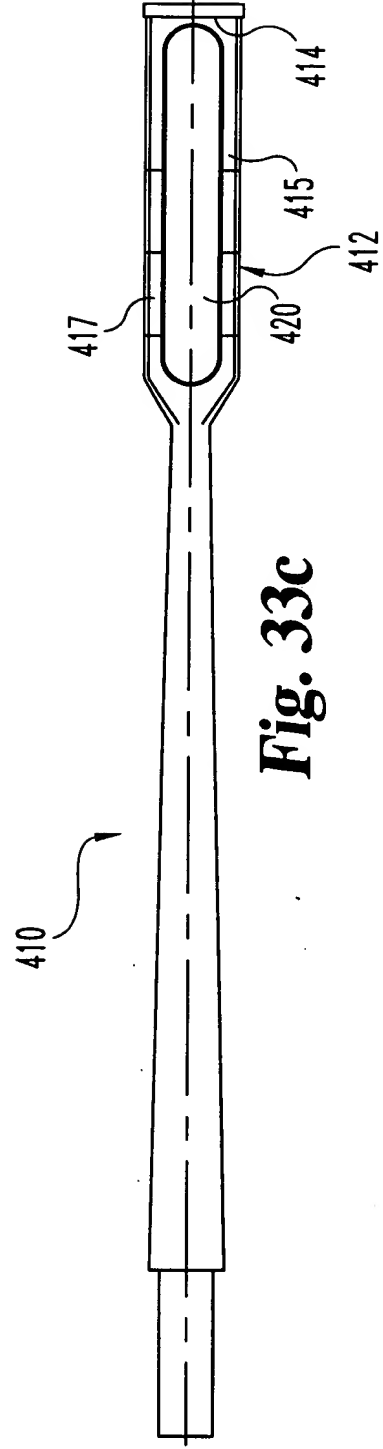


Fig. 33c

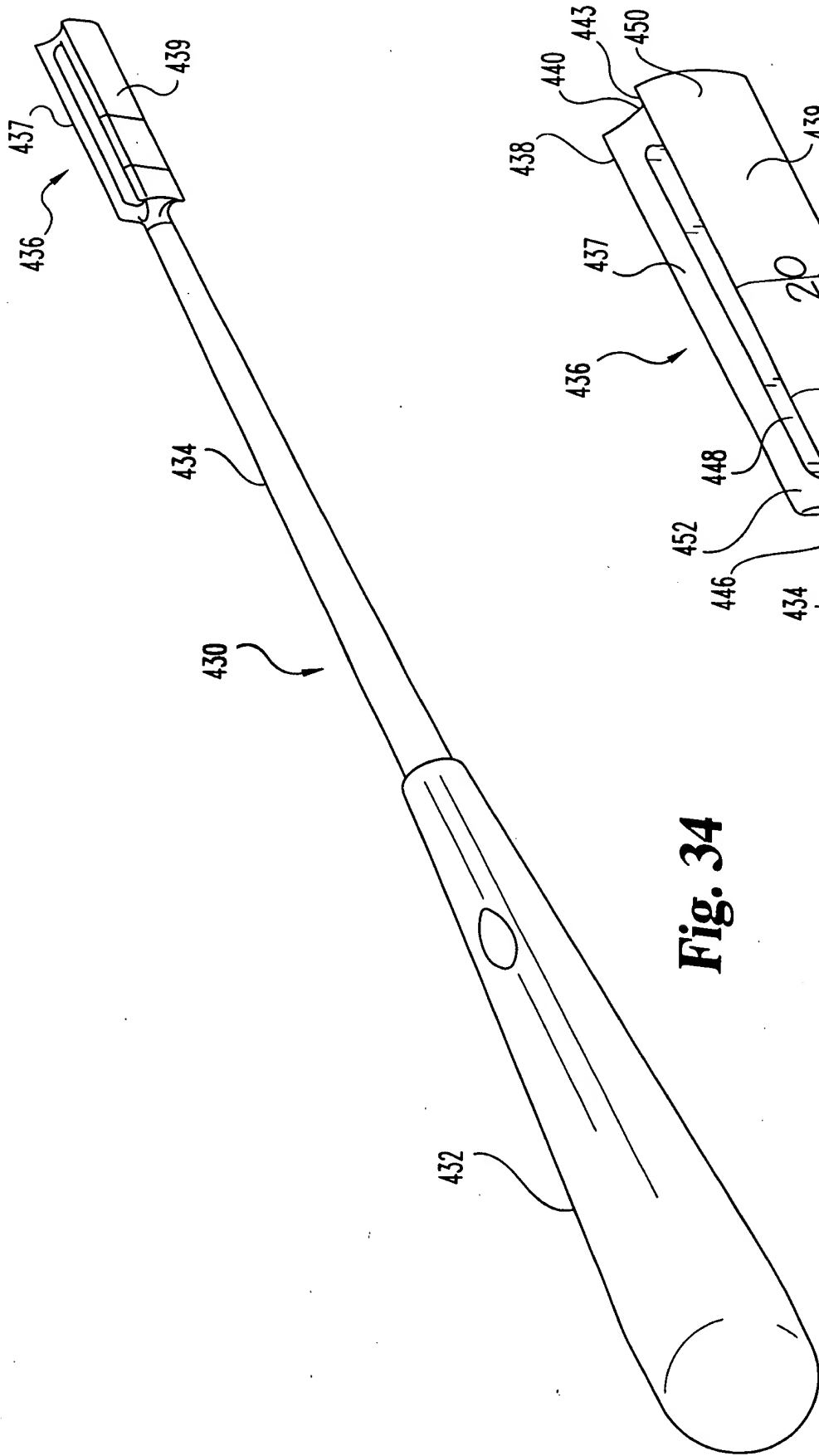


Fig. 34

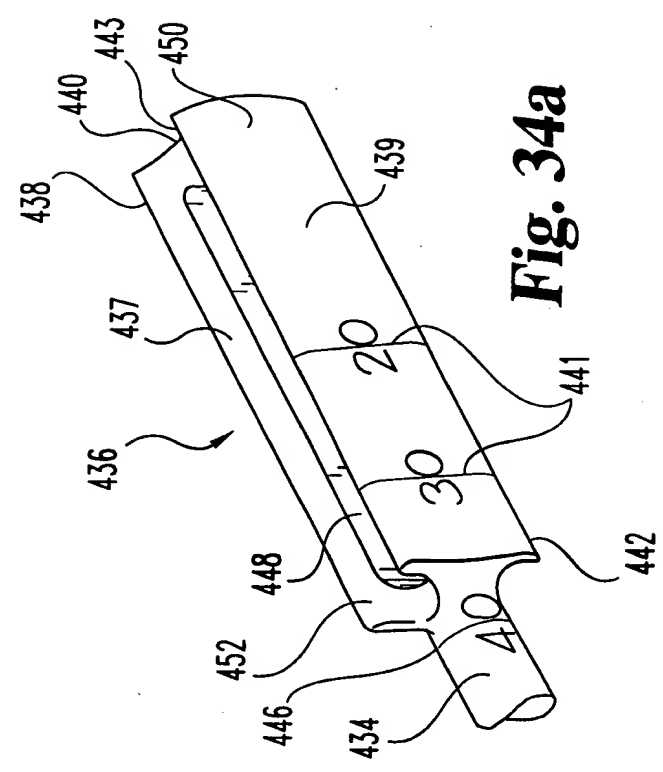
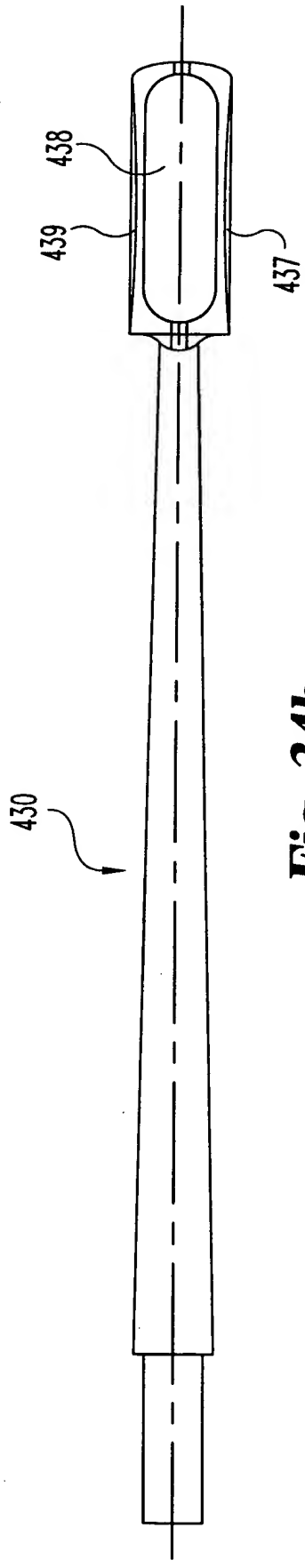
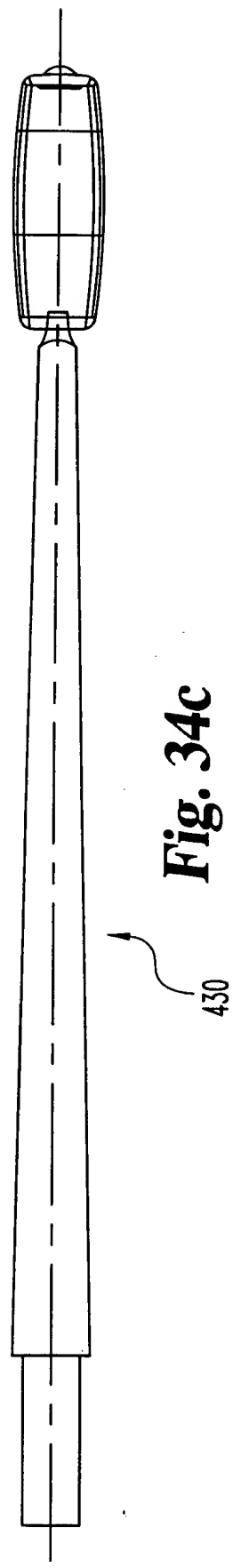


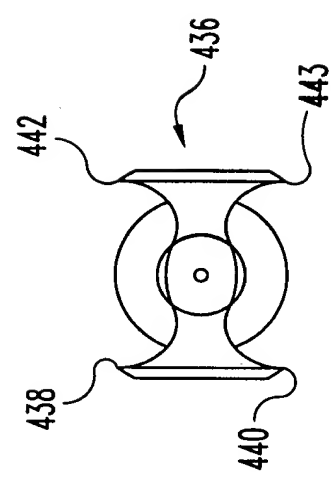
Fig. 34a



**Fig. 34b**



**Fig. 34c**



**Fig. 34d**



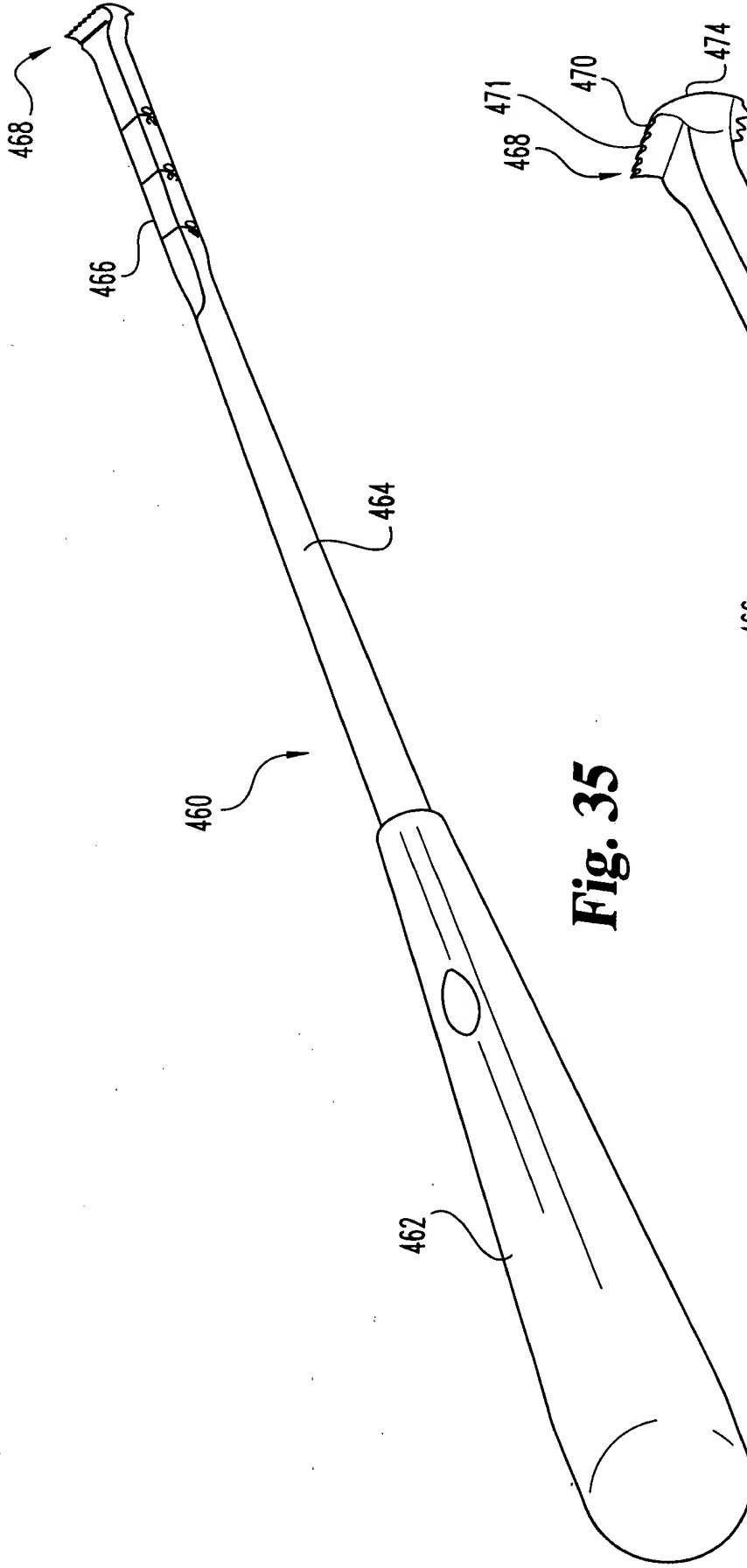


Fig. 35

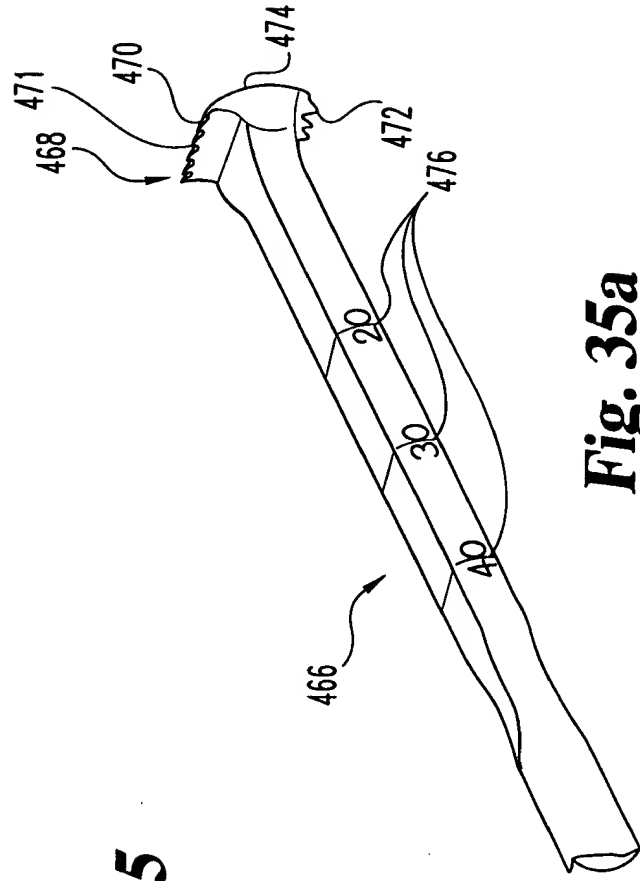
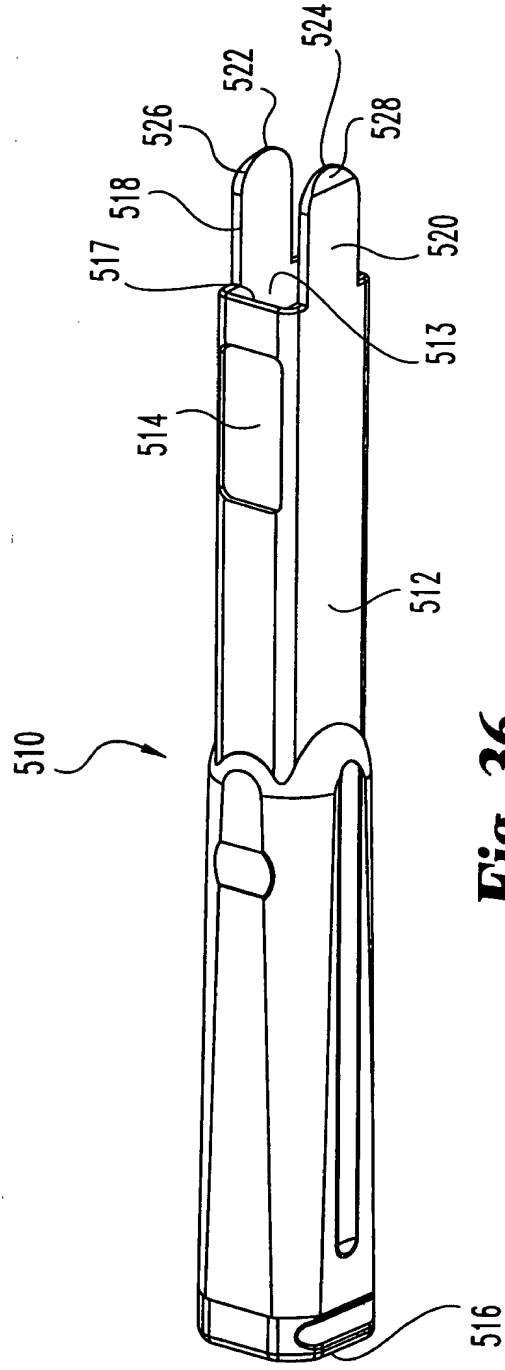
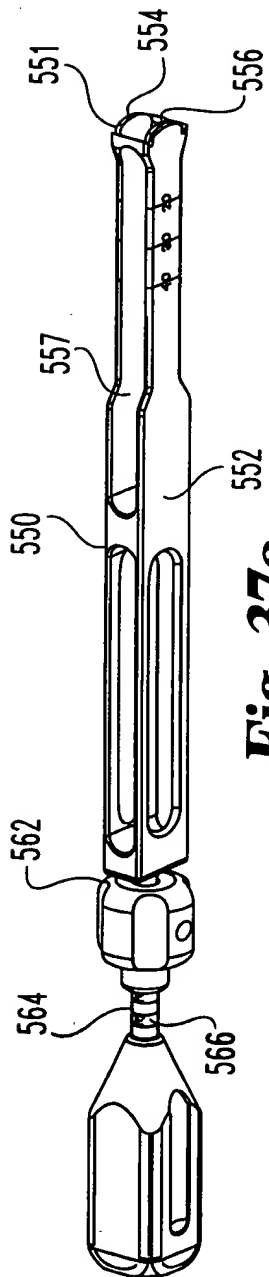


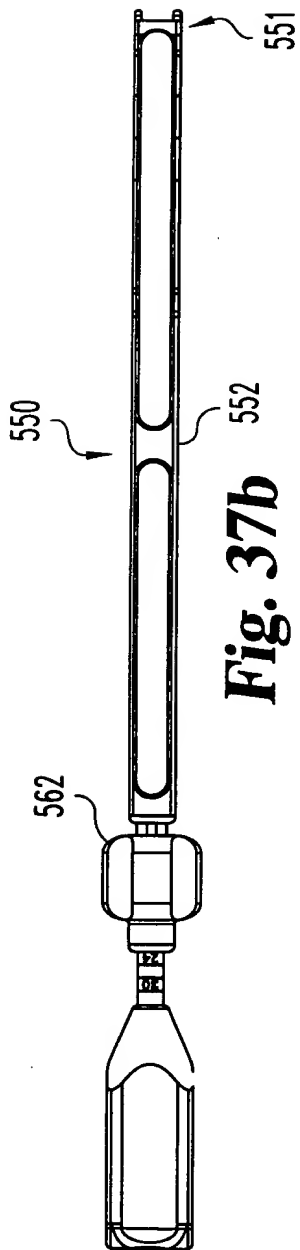
Fig. 35a



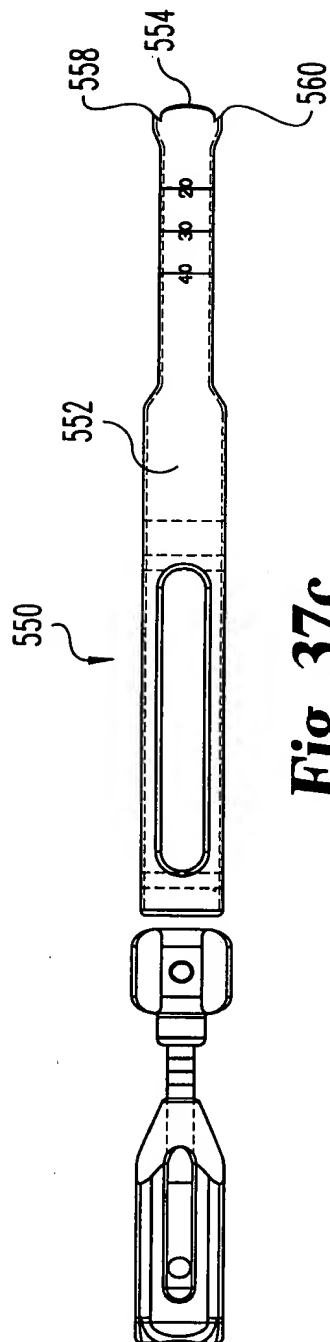
**Fig. 36**



**Fig. 37a**



**Fig. 37b**



**Fig. 37c**

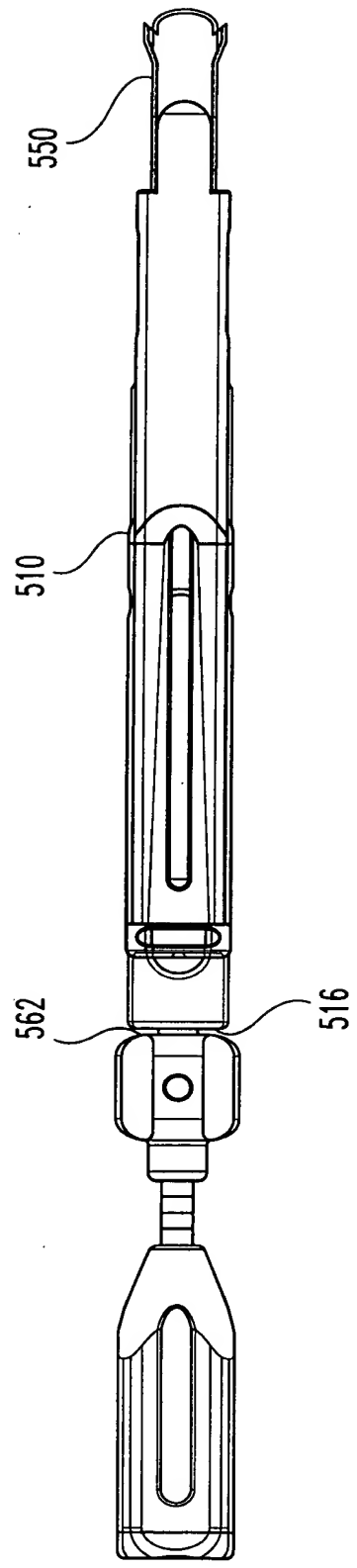
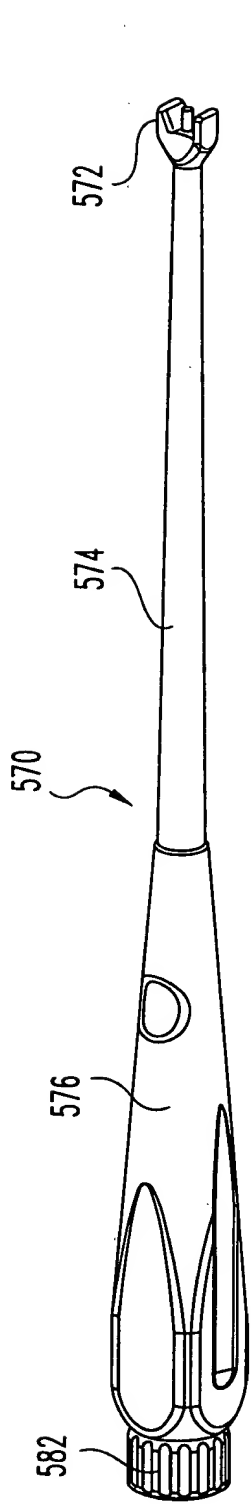
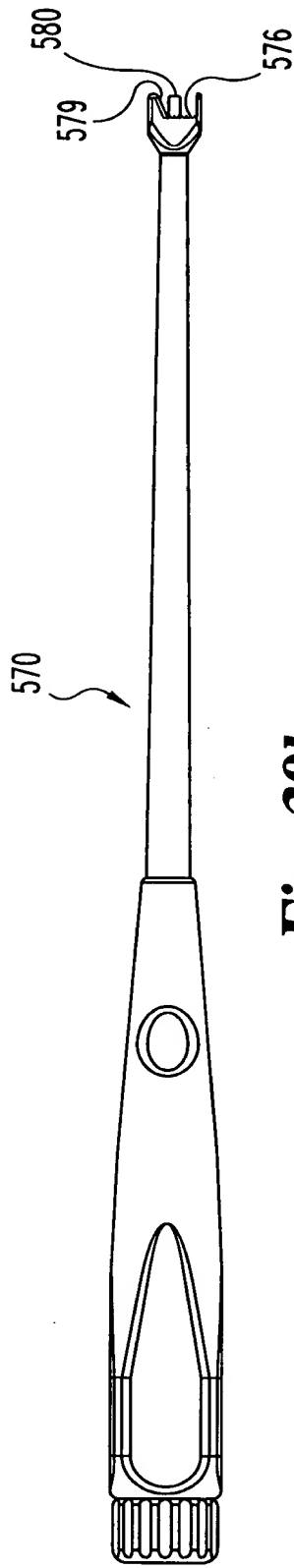


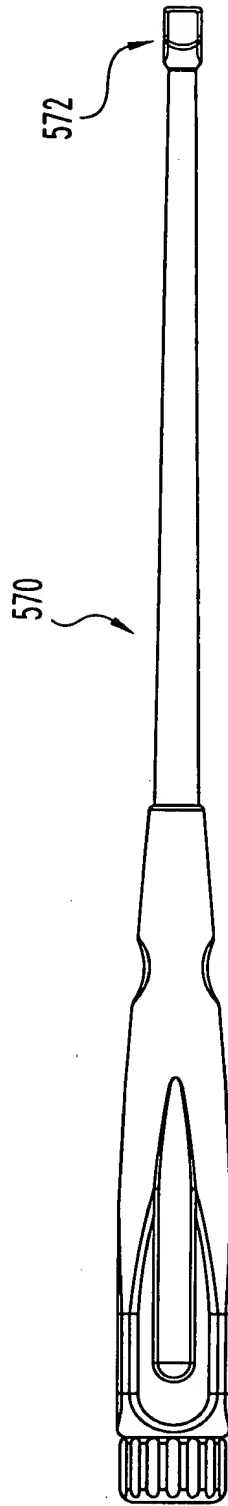
Fig. 38



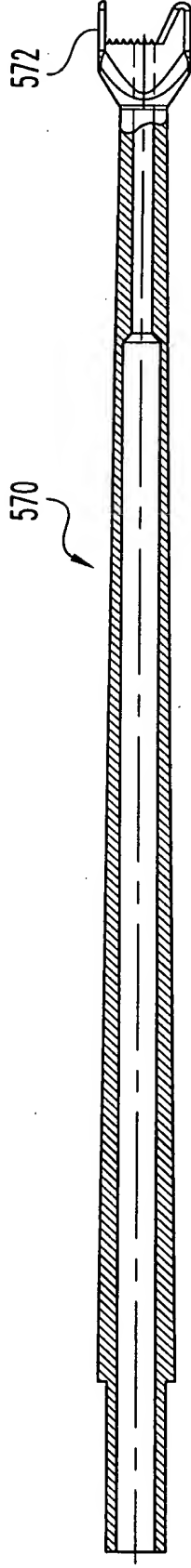
**Fig. 39a**



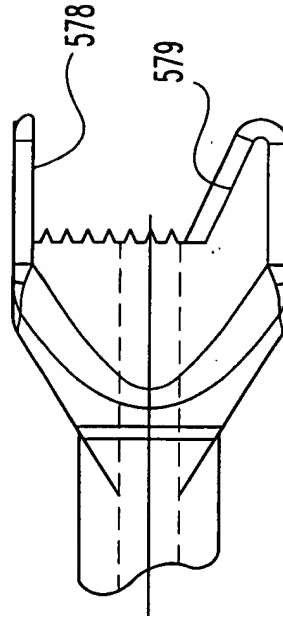
**Fig. 39b**



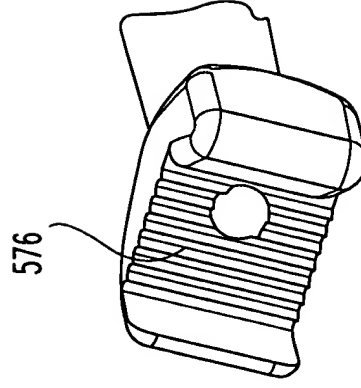
**Fig. 39c**



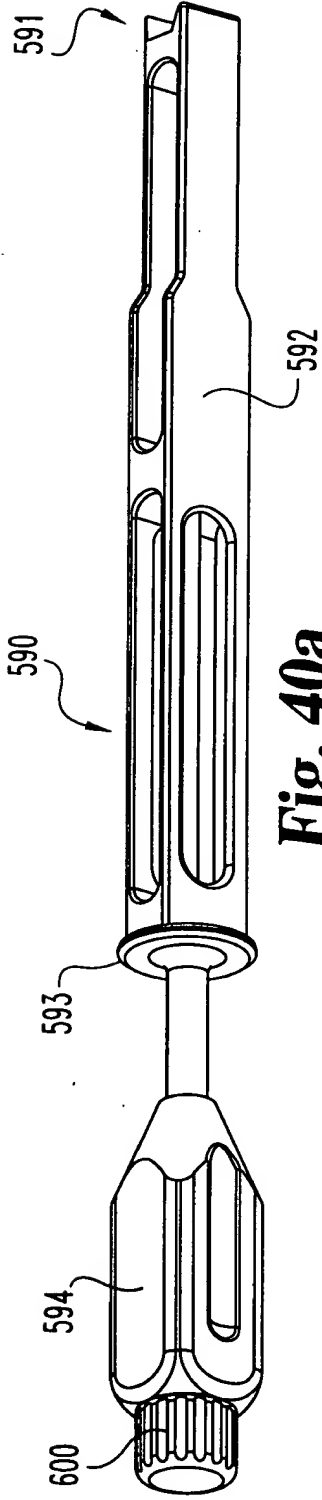
**Fig. 39d**



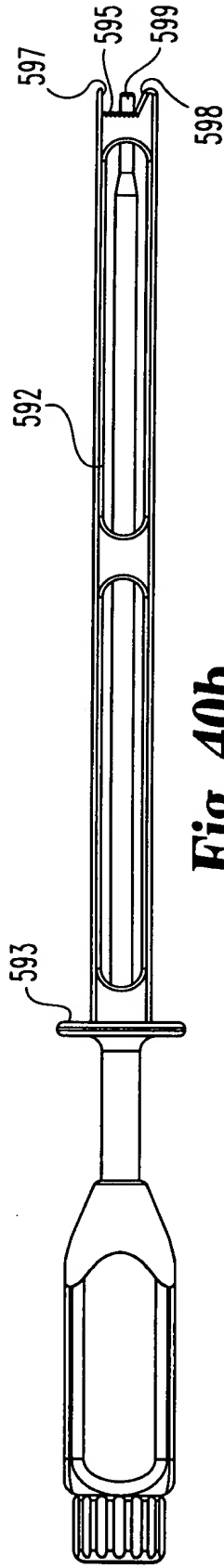
**Fig. 39e**



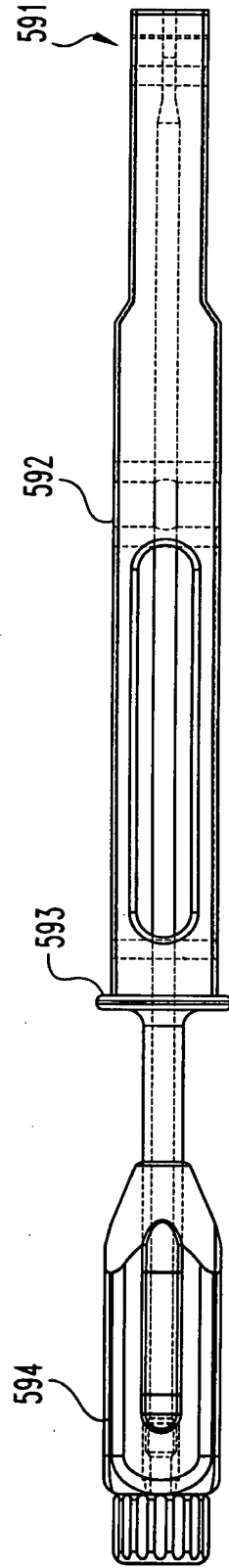
**Fig. 39f**



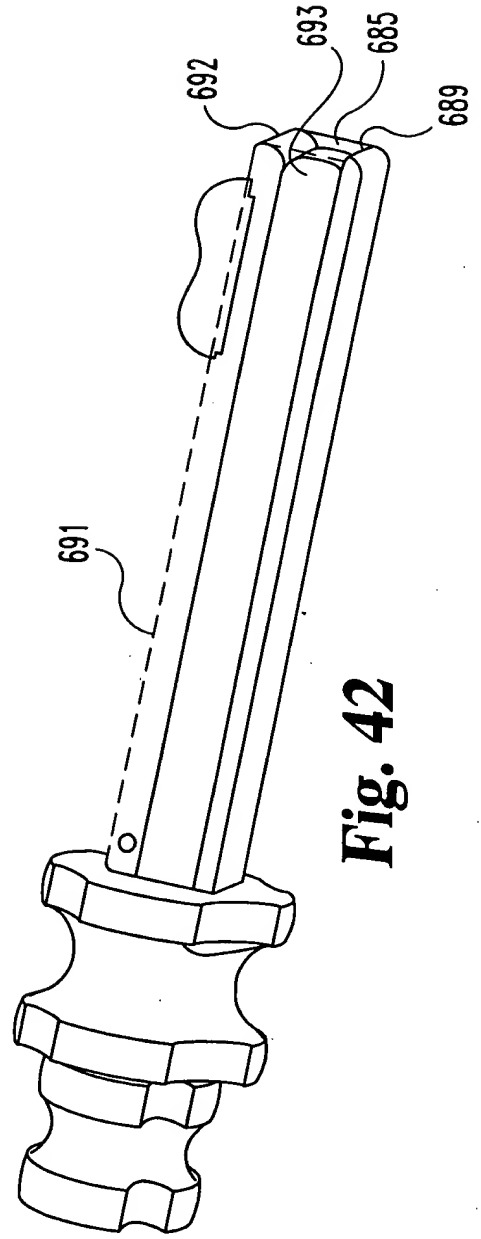
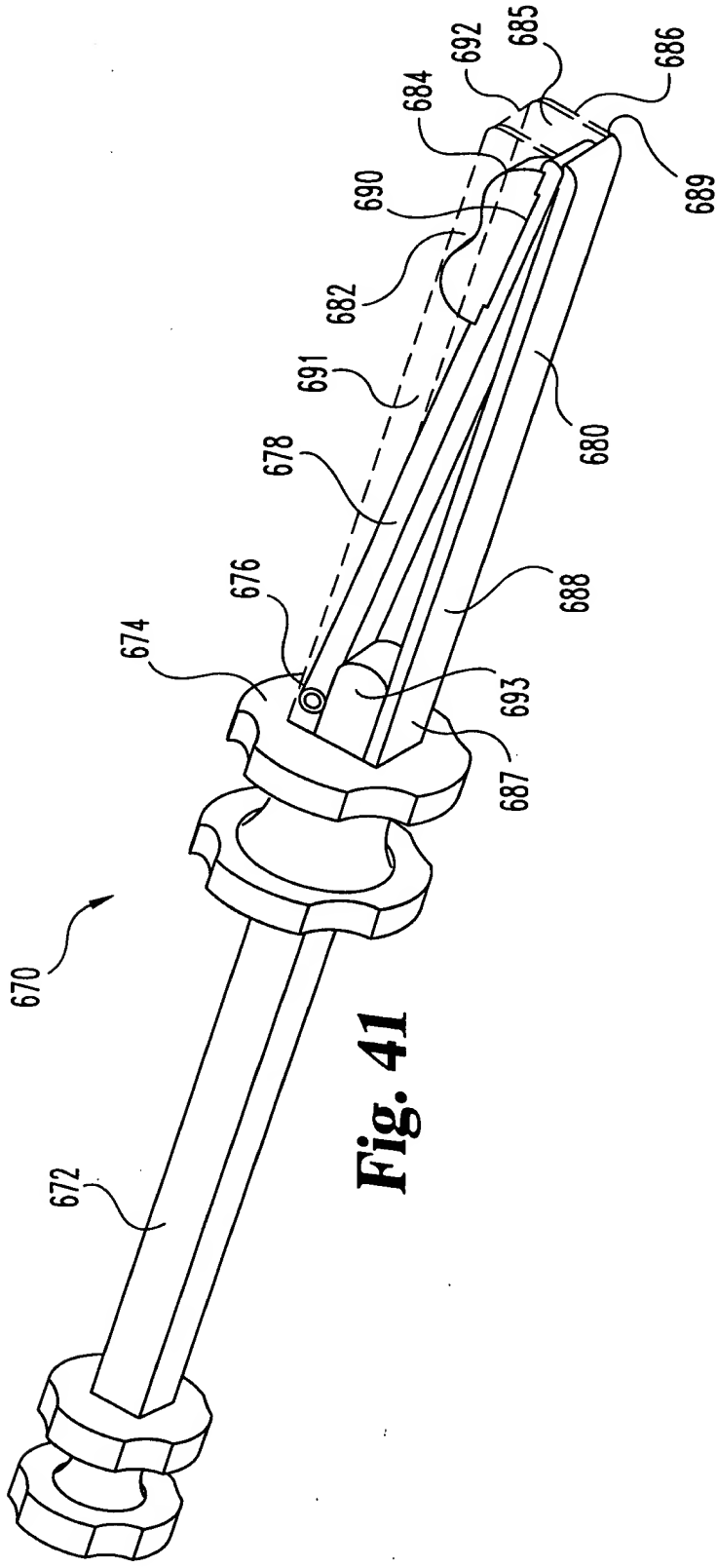
**Fig. 40a**



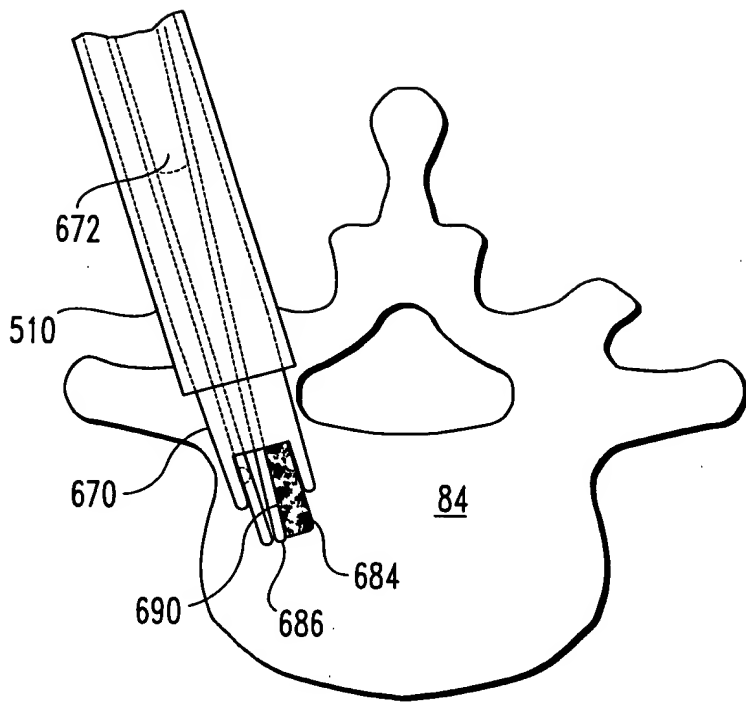
**Fig. 40b**



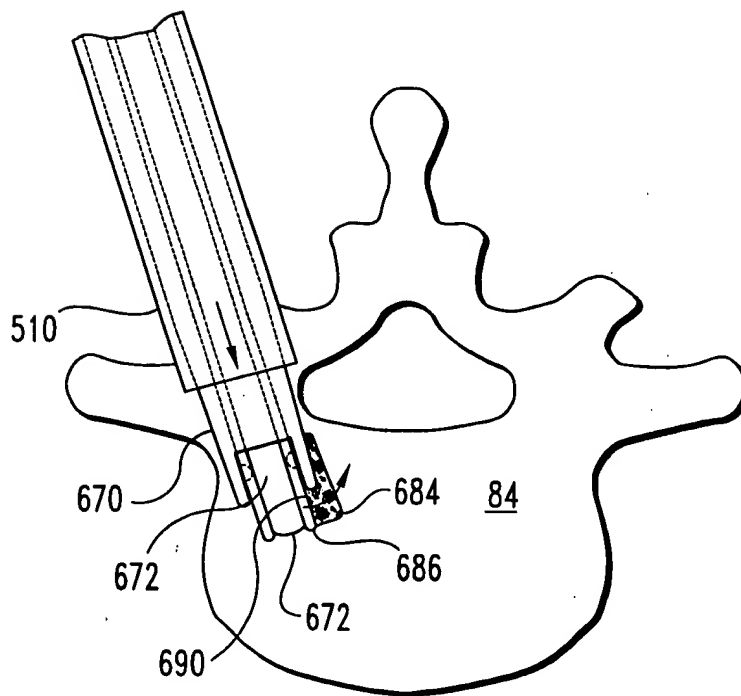
**Fig. 40c**







**Fig. 43a**



**Fig. 43b**

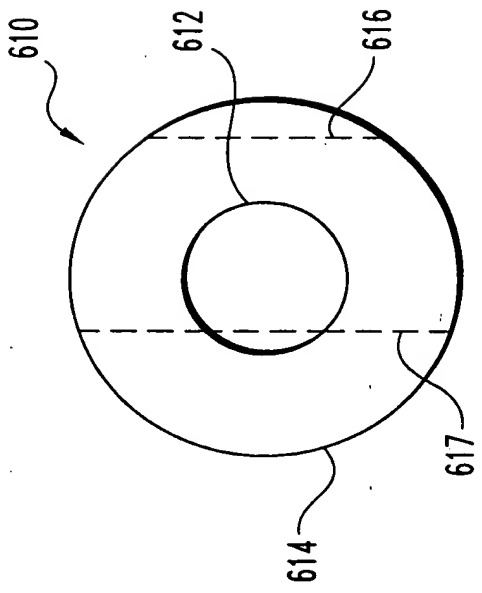


Fig. 44a

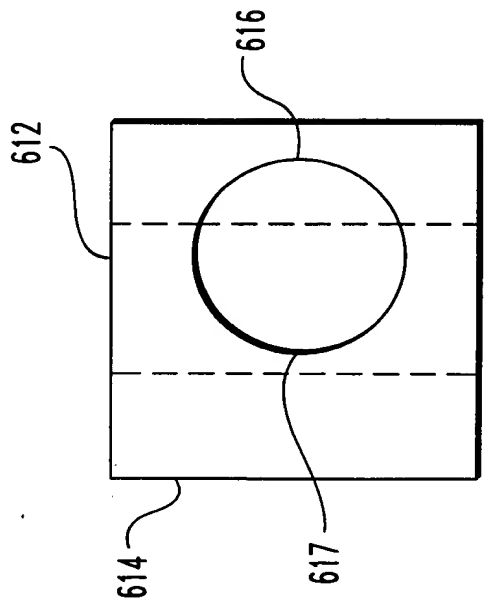


Fig. 44b

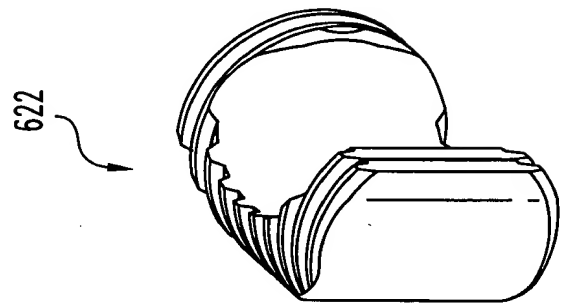


Fig. 46a

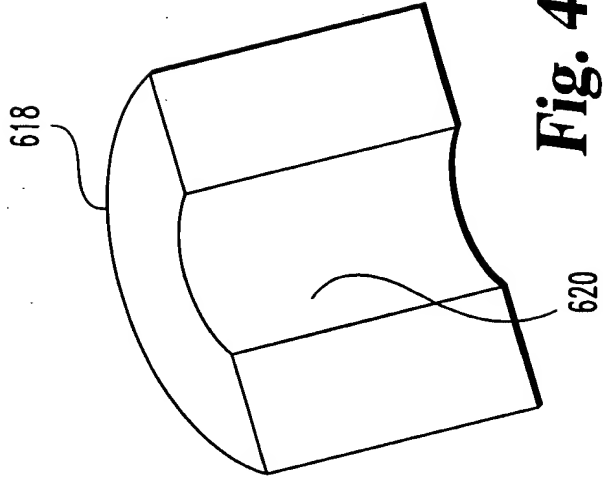


Fig. 46

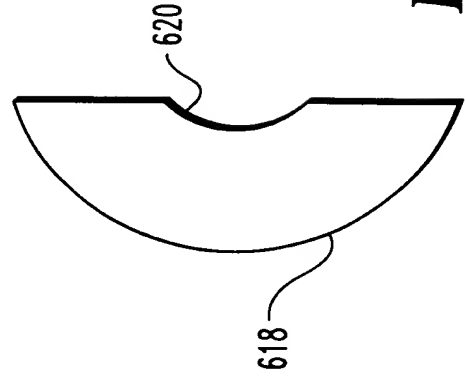
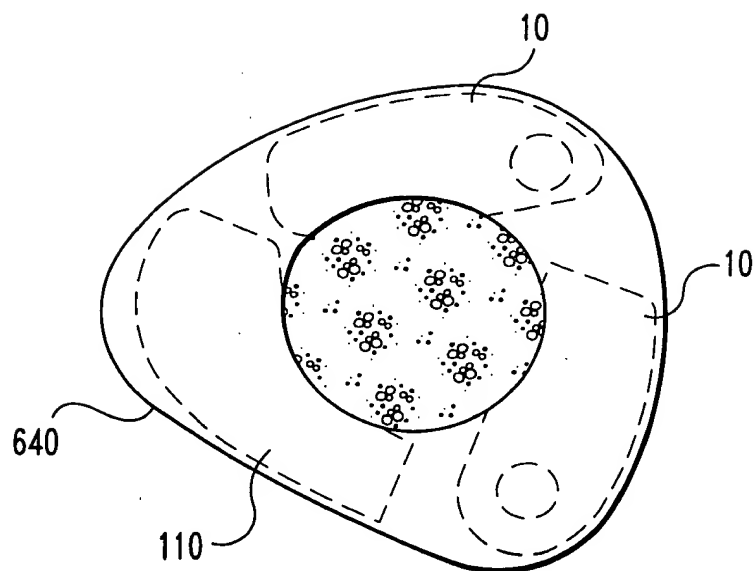
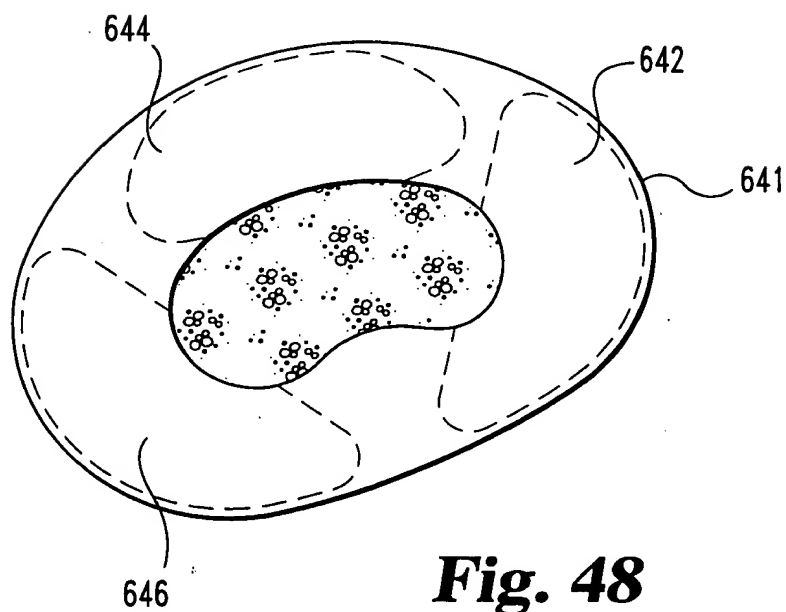


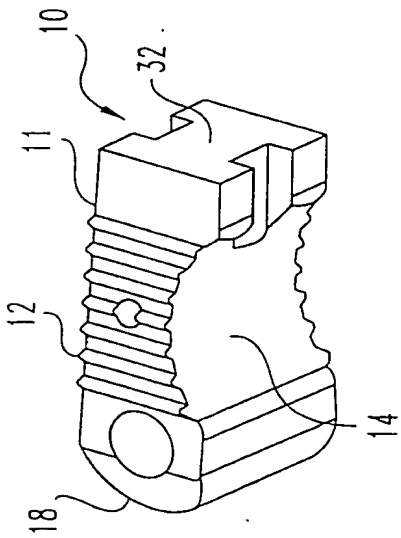
Fig. 45



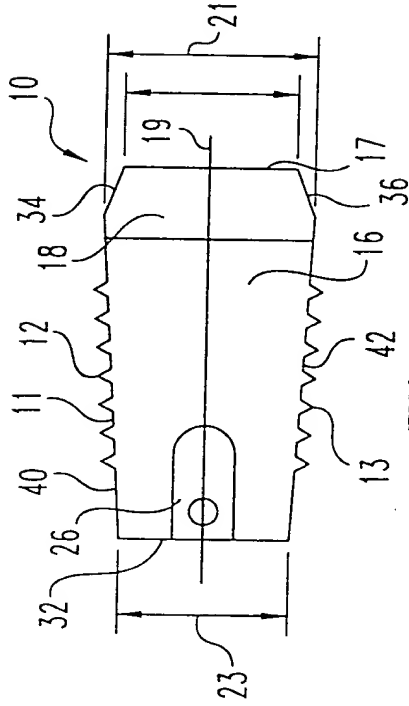
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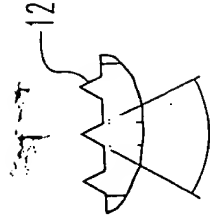
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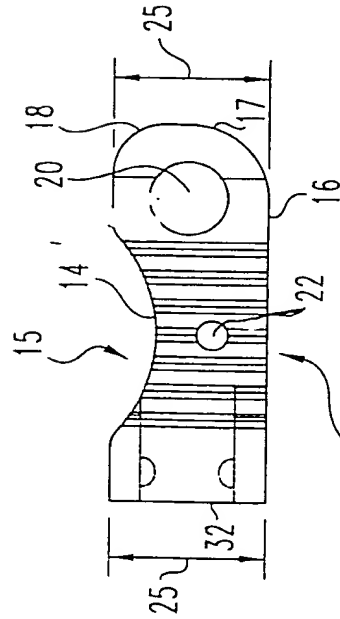
**Fig. 1**



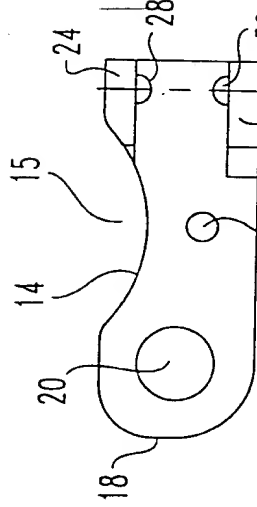
**Fig. 2**



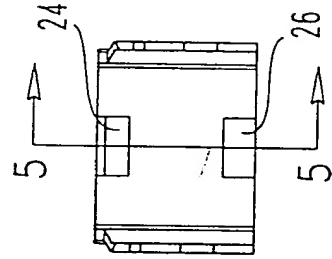
**Fig. 2a**



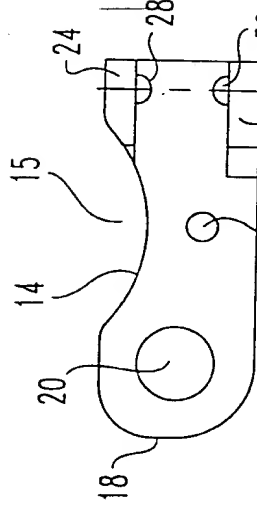
**Fig. 3**



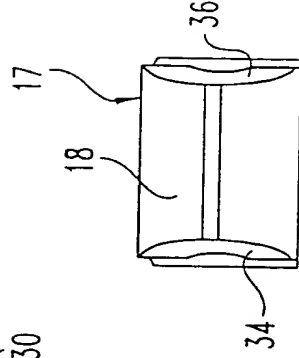
**Fig. 4**

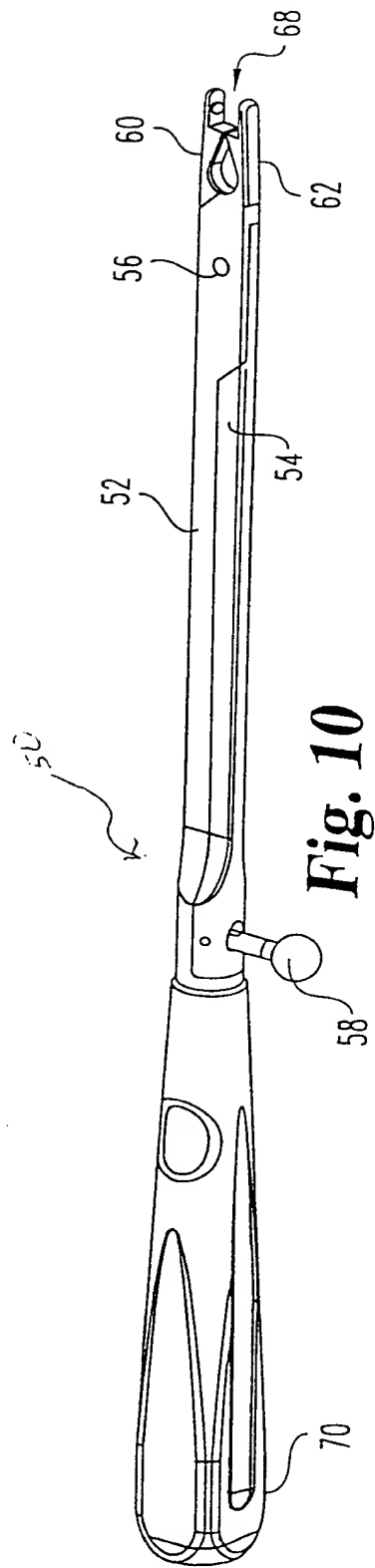
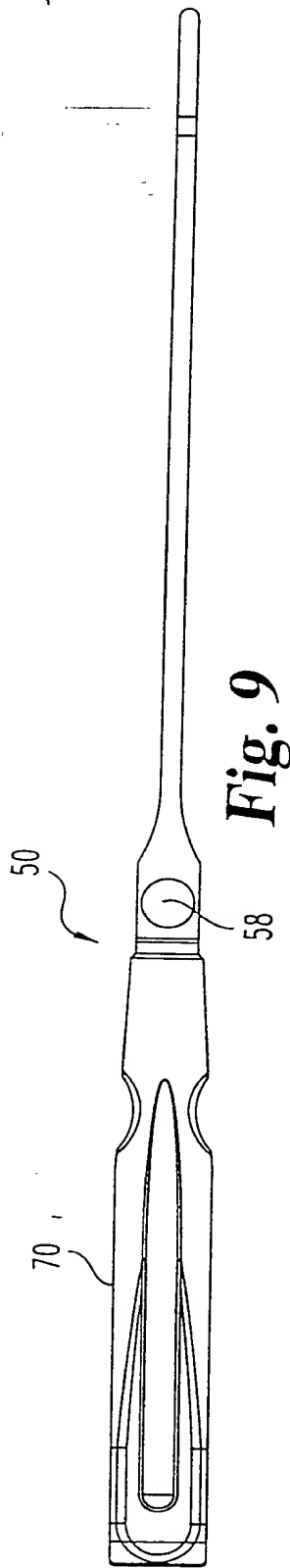
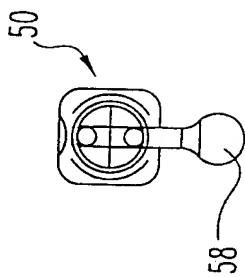
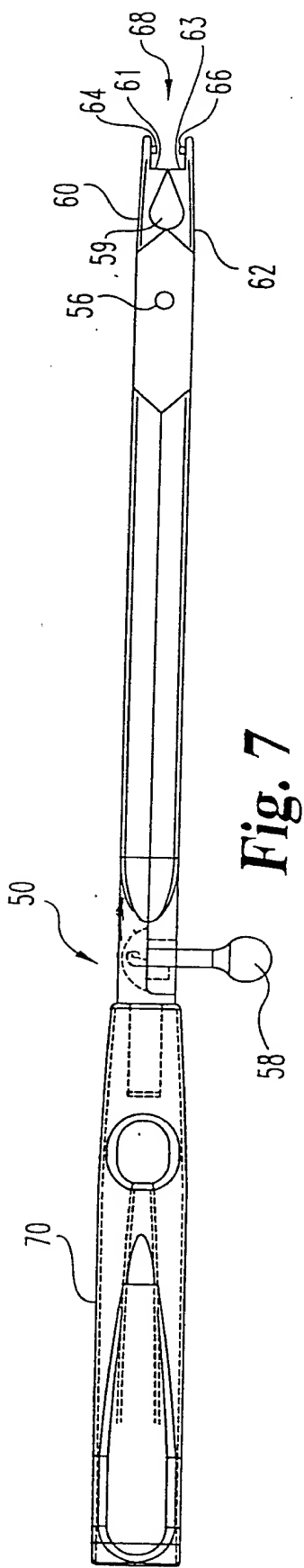


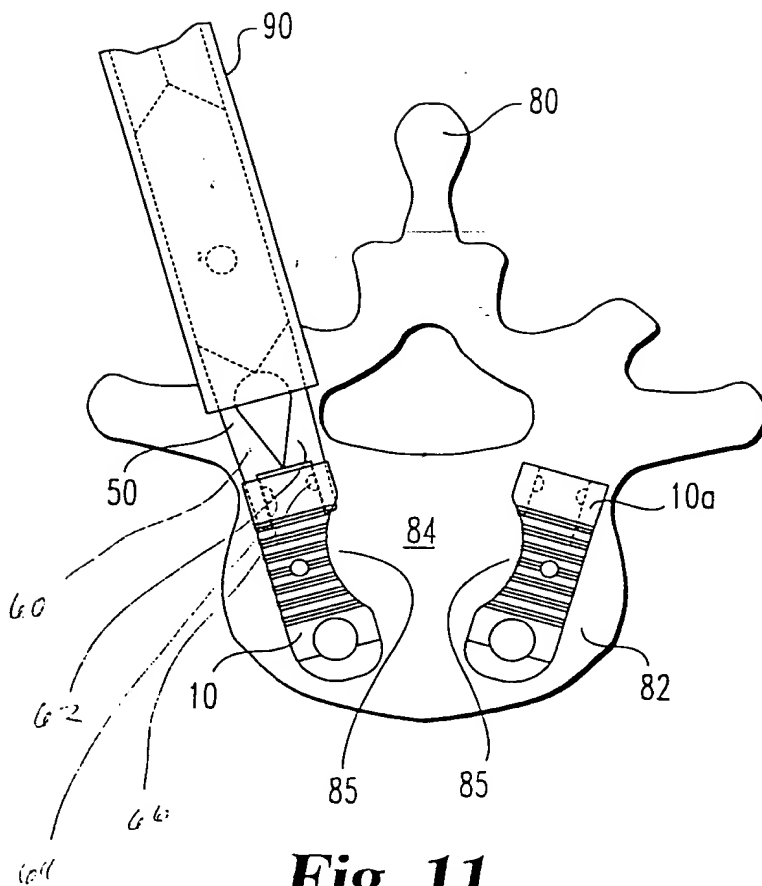
**Fig. 5**



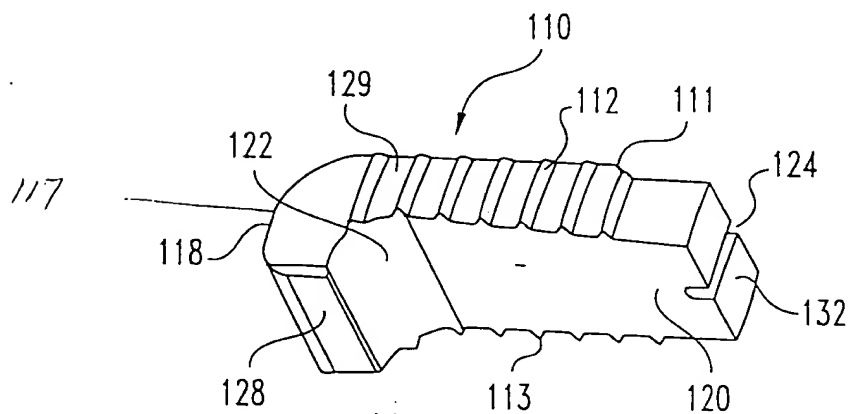
**Fig. 6**



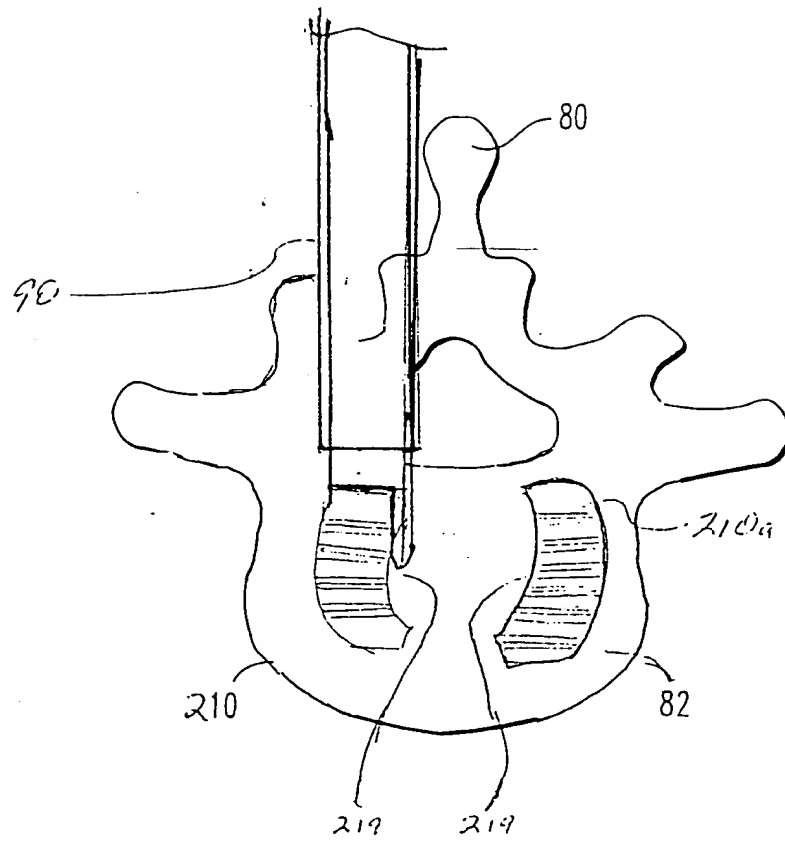




**Fig. 11**



**Fig. 12**



**Fig. 11a**

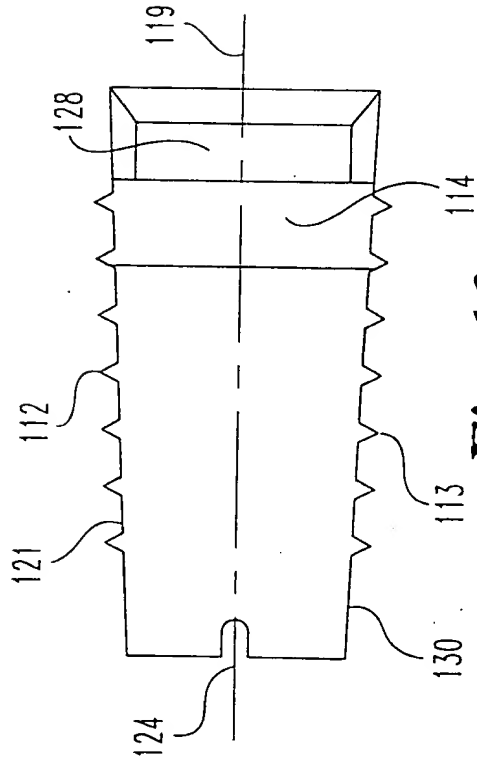


Fig. 13

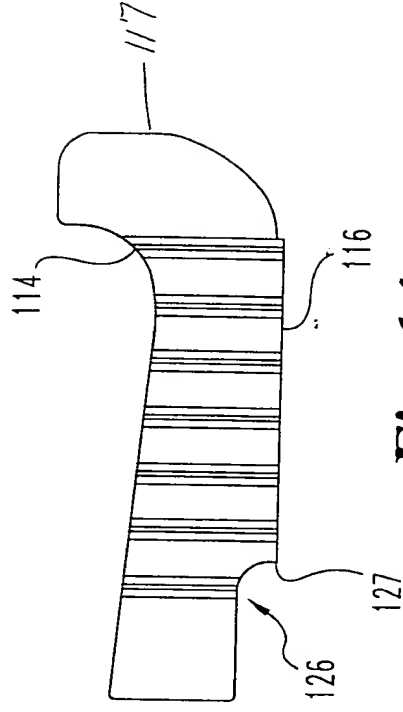


Fig. 14

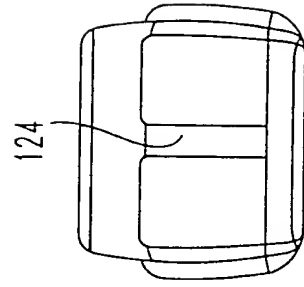


Fig. 15

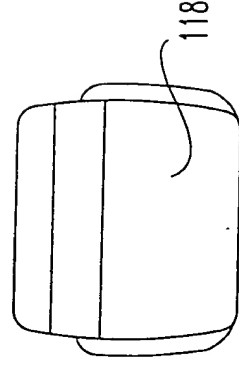
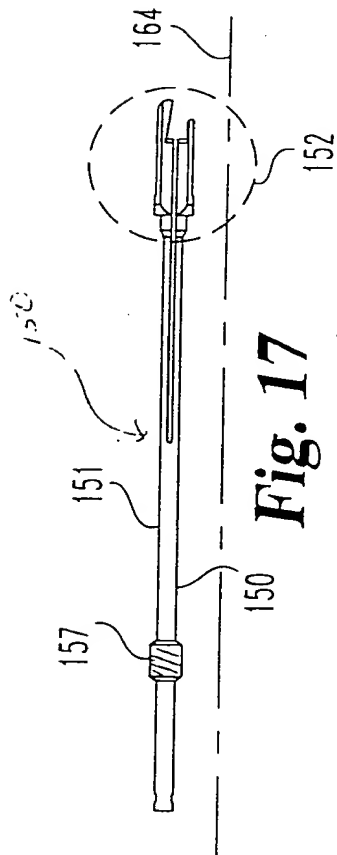
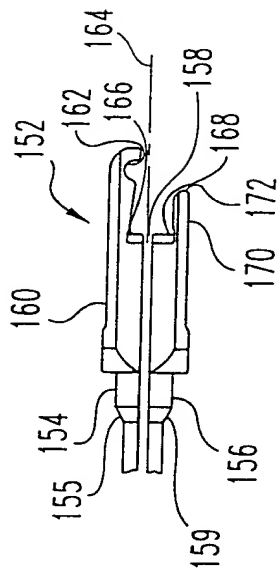


Fig. 16

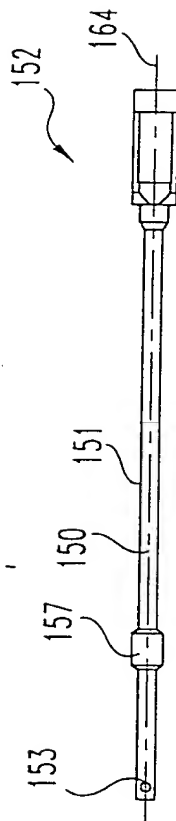




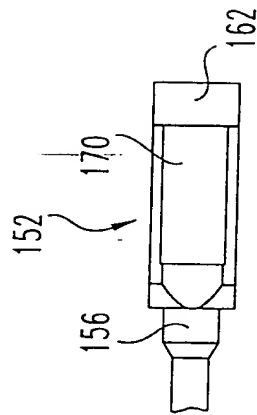
**Fig. 17**



**Fig. 17a**



**Fig. 18**



**Fig. 18a**



**Fig. 18b**

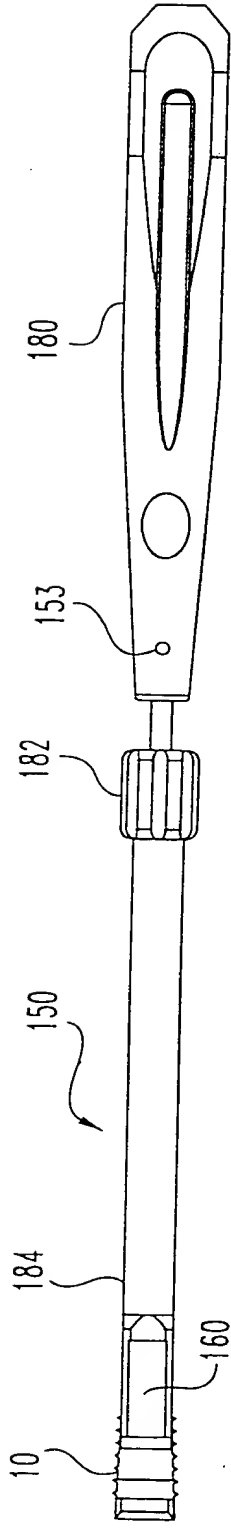


Fig. 19

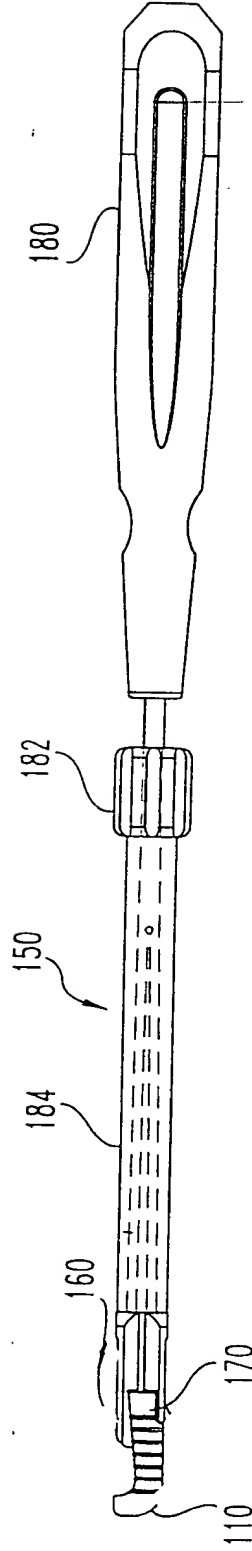


Fig. 20a

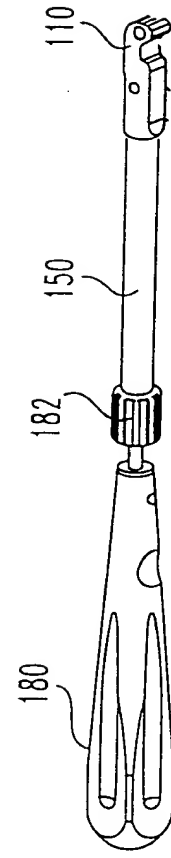


Fig. 21

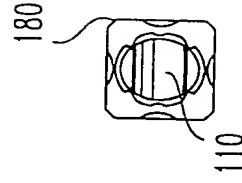
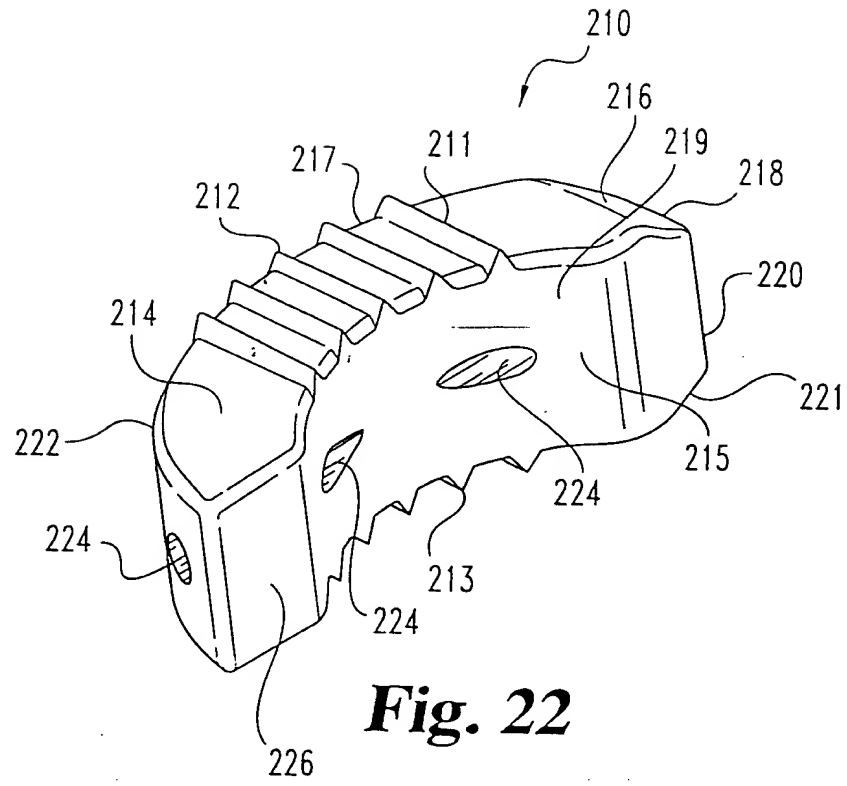
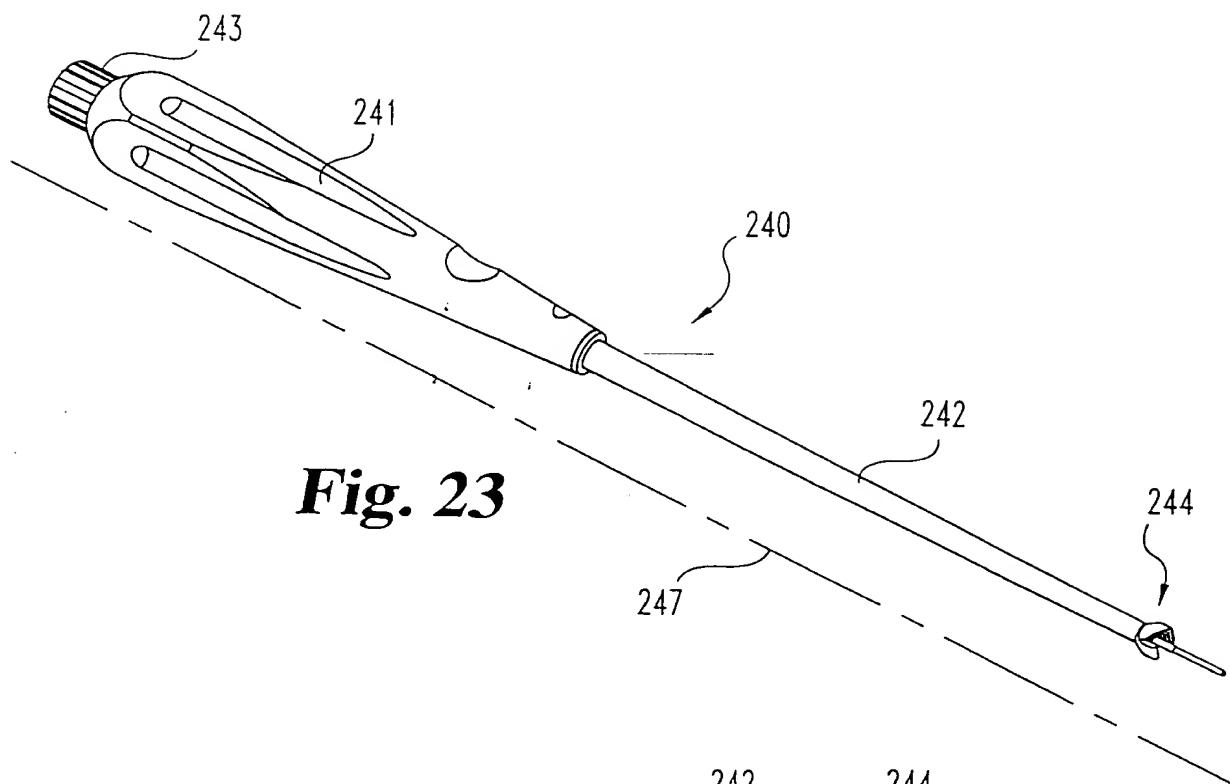


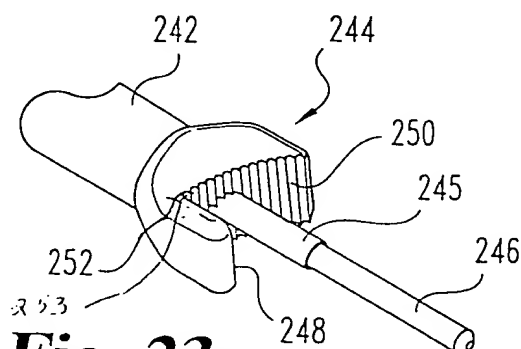
Fig. 20b



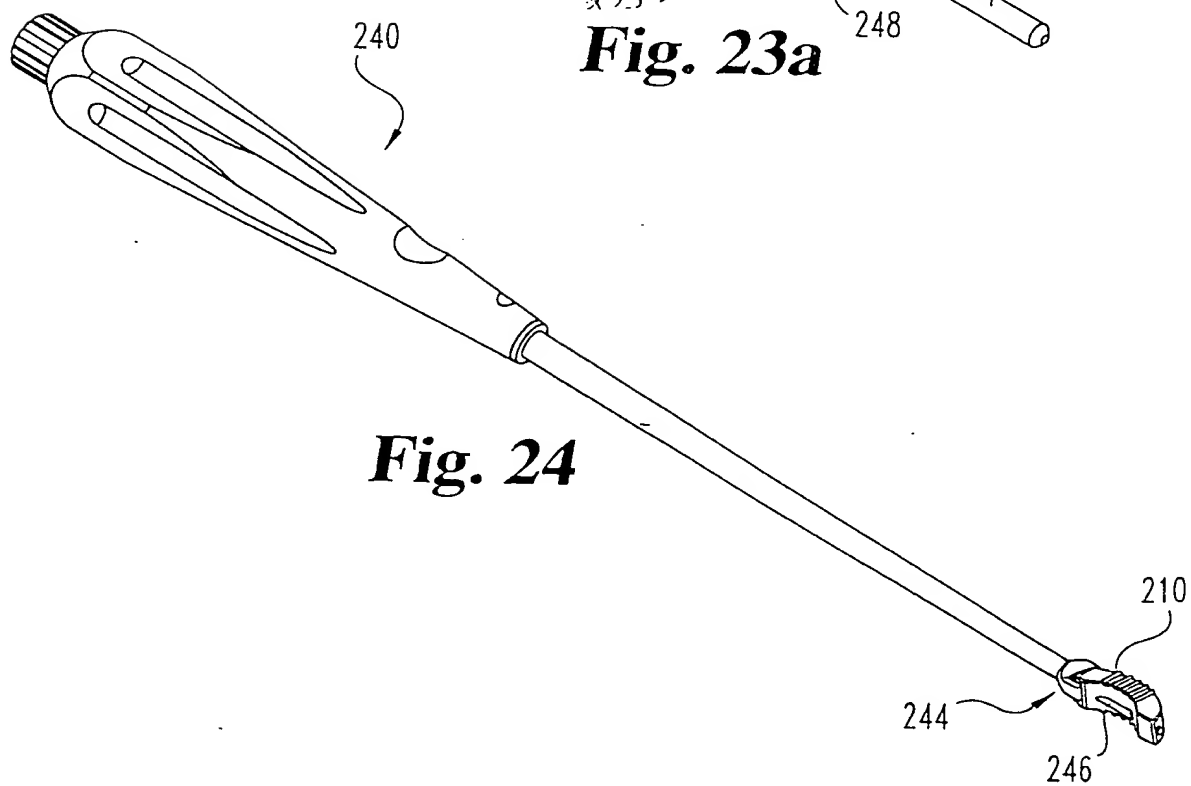
**Fig. 22**



**Fig. 23**



**Fig. 23a**



**Fig. 24**

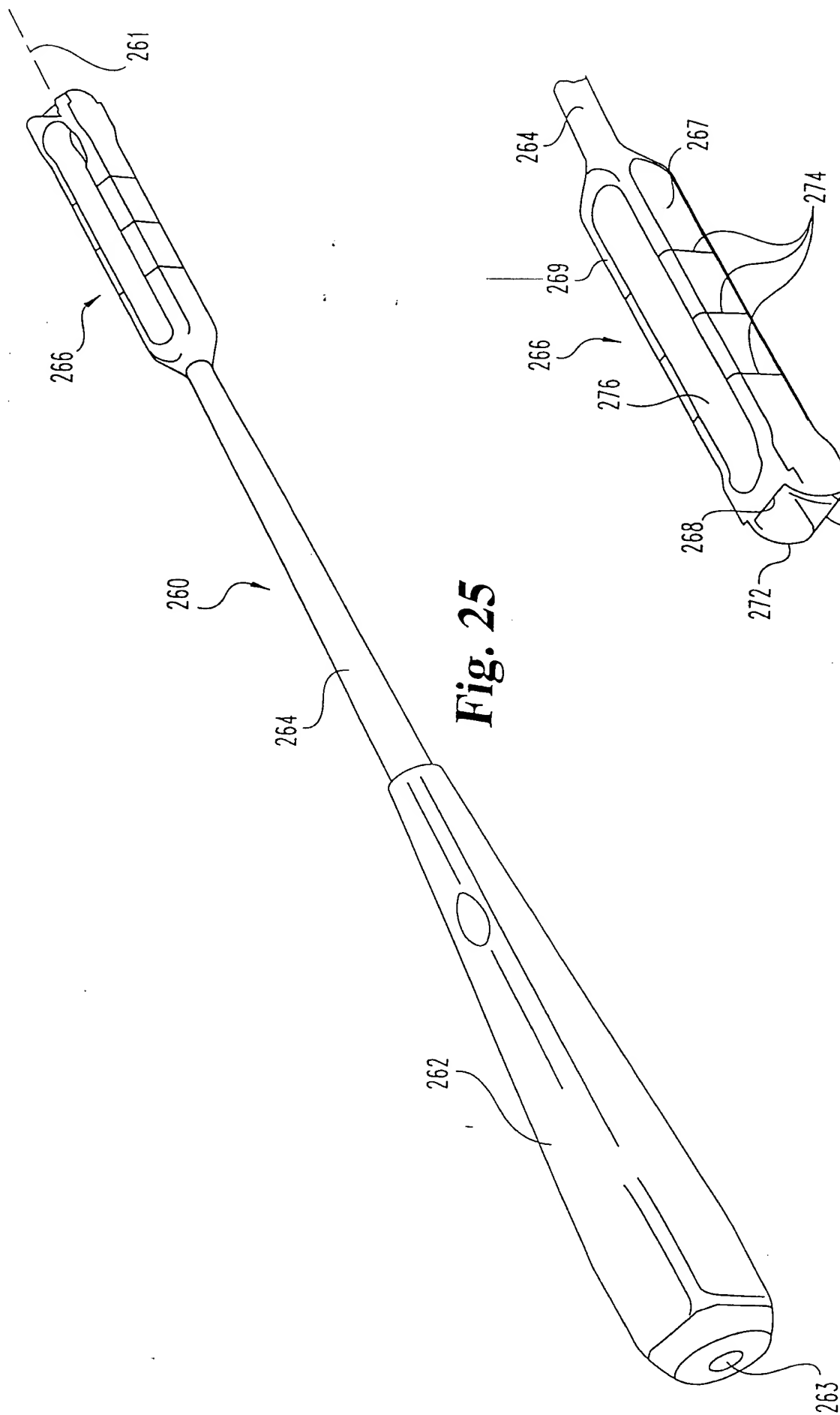


Fig. 25

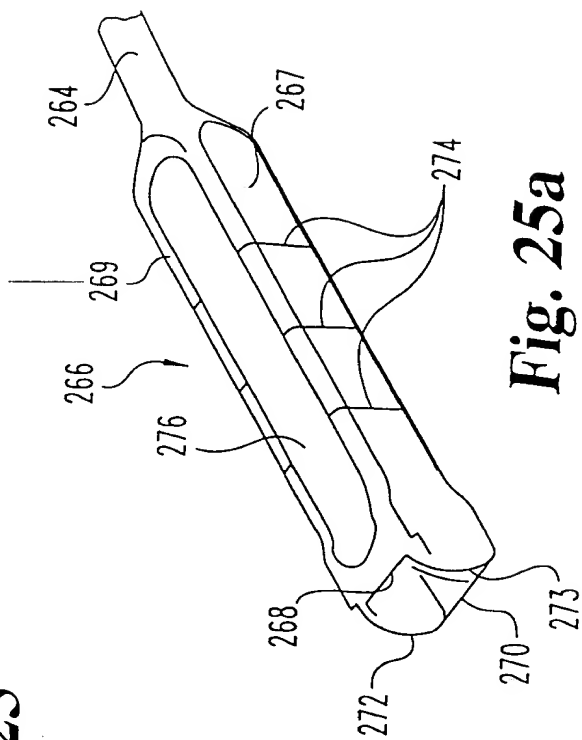
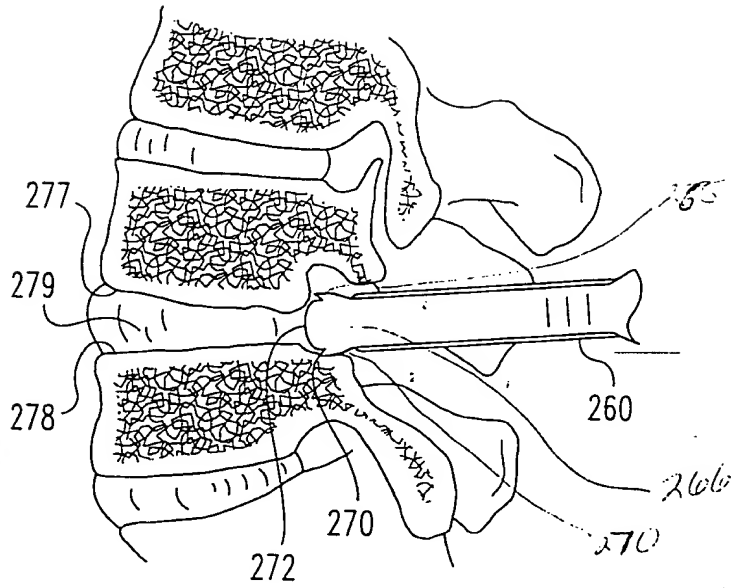
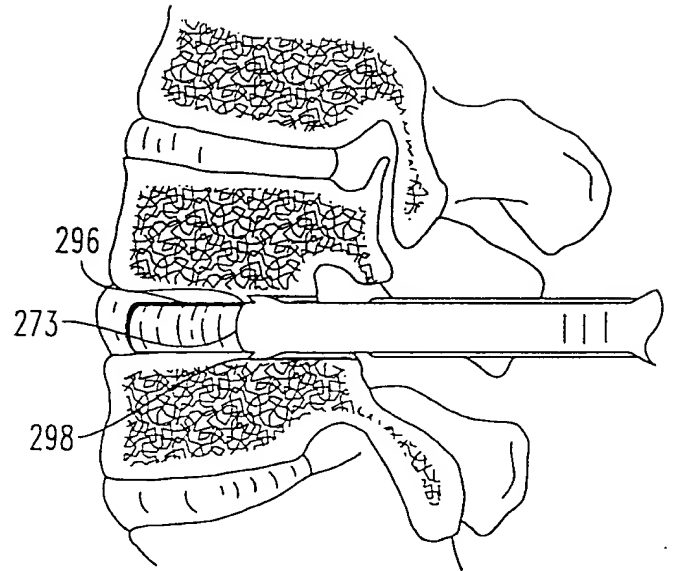


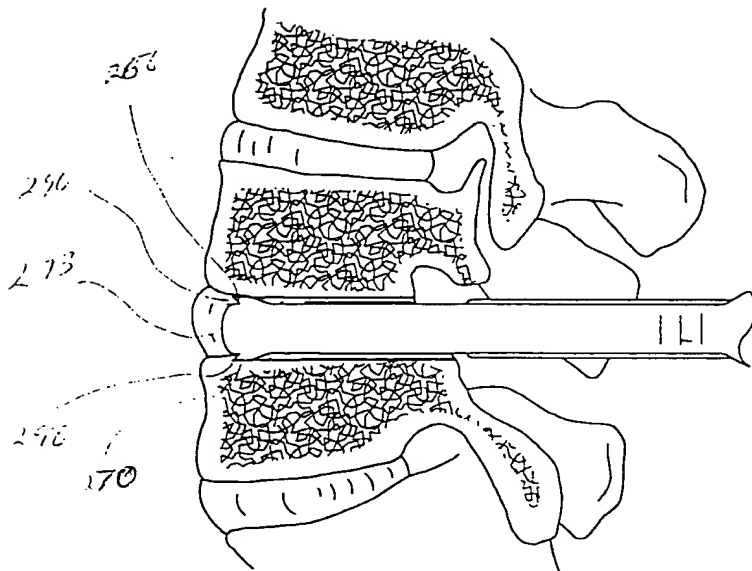
Fig. 25a



**Fig. 25b**



**Fig. 25c**



**Fig. 25d**

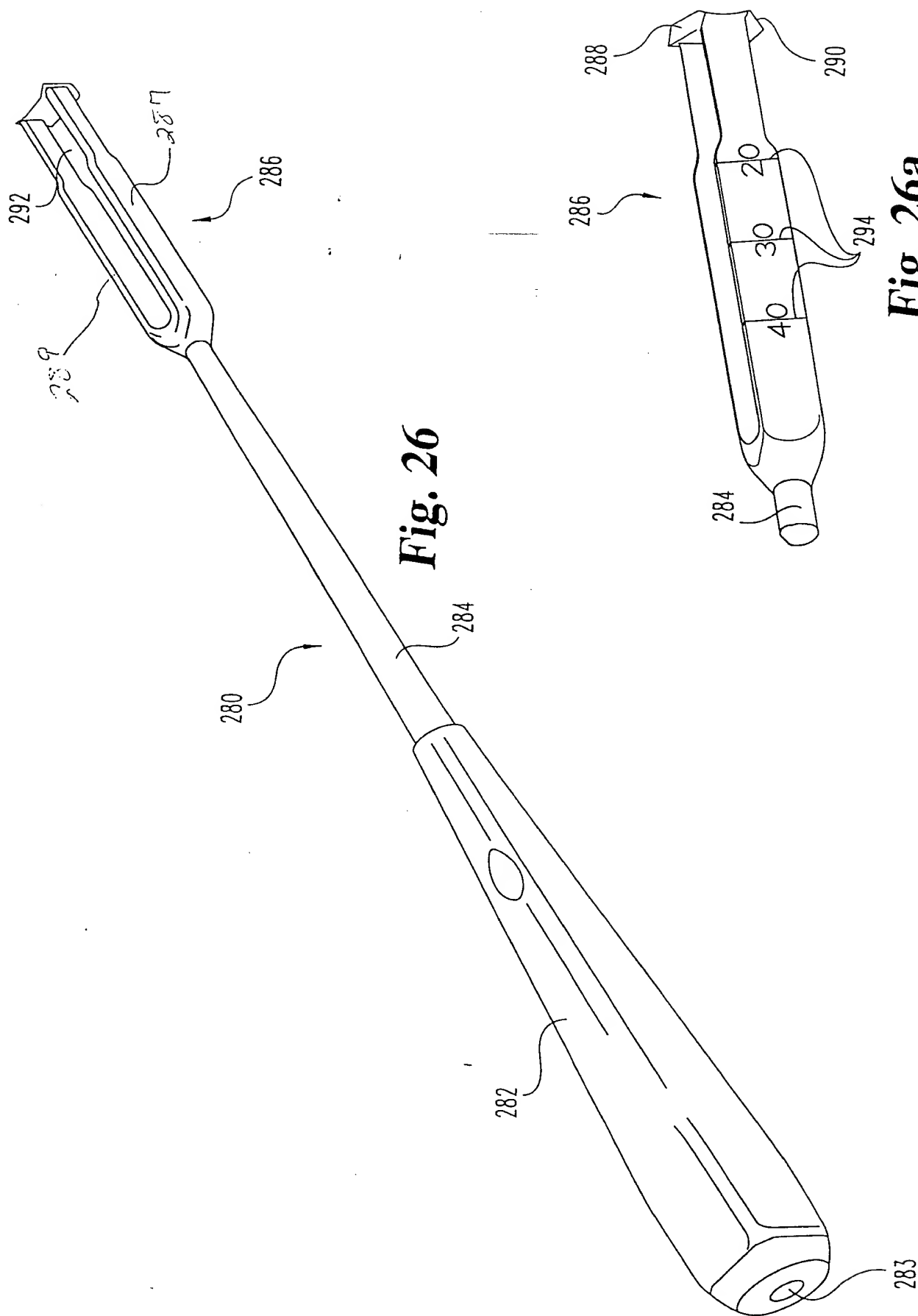


Fig. 26a

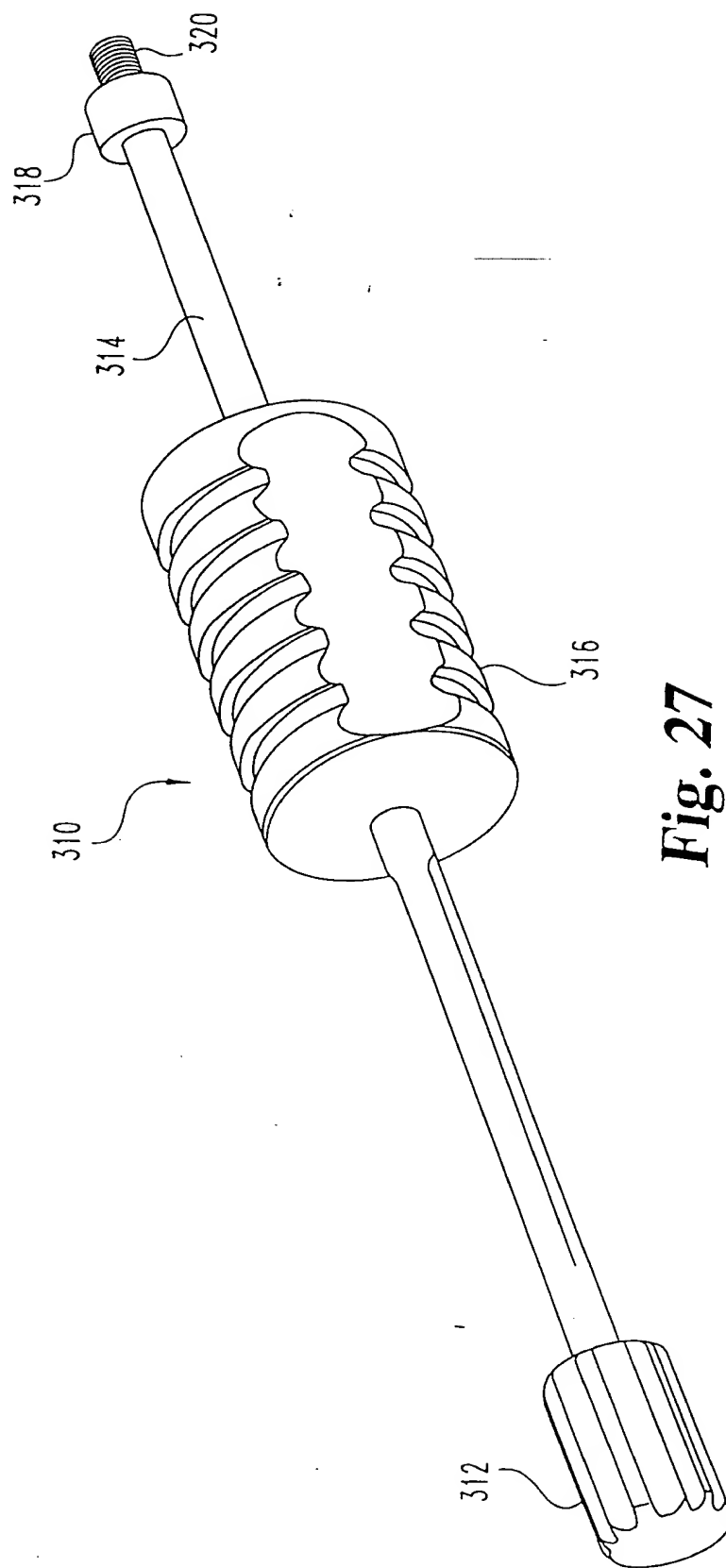
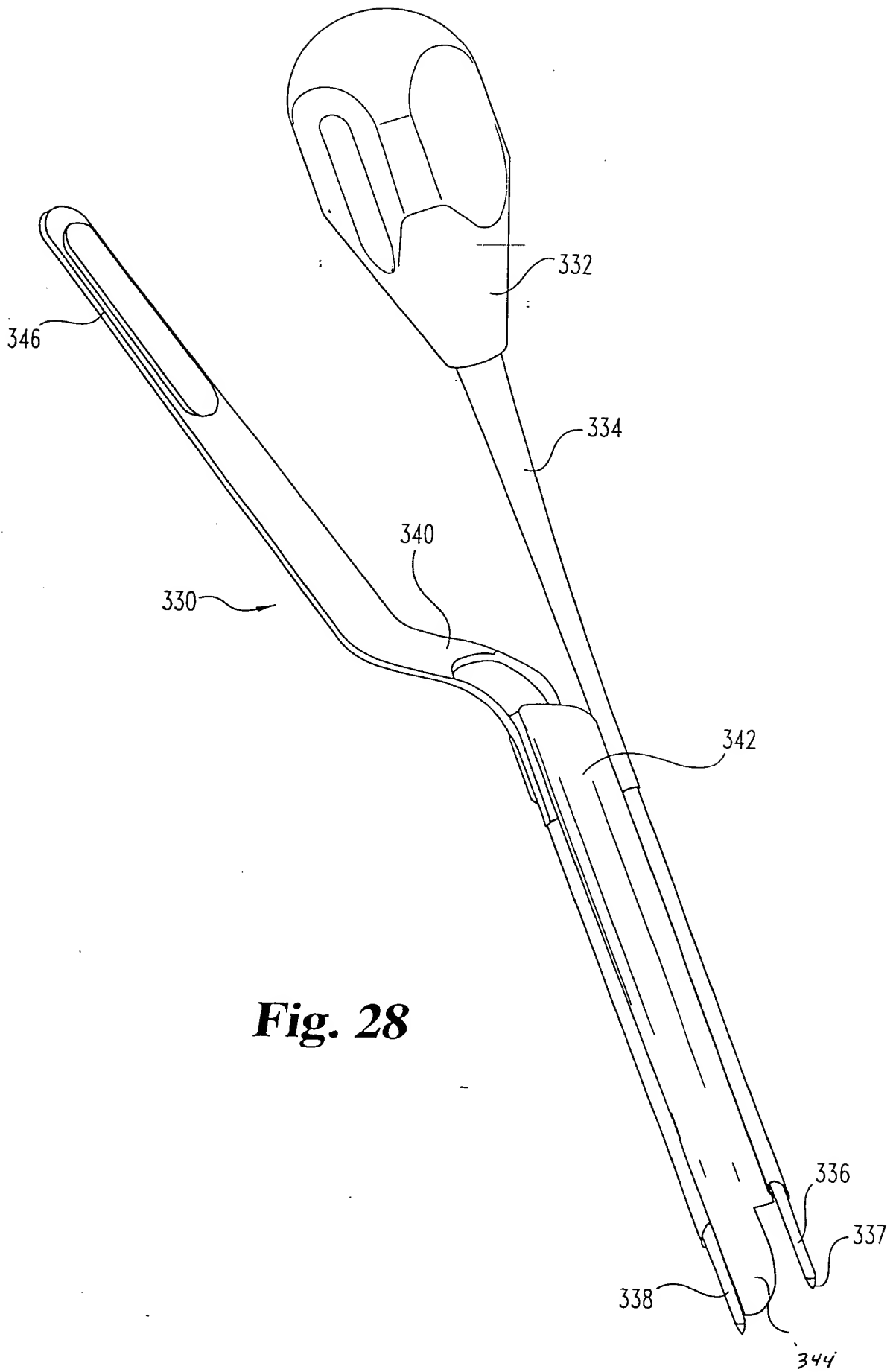
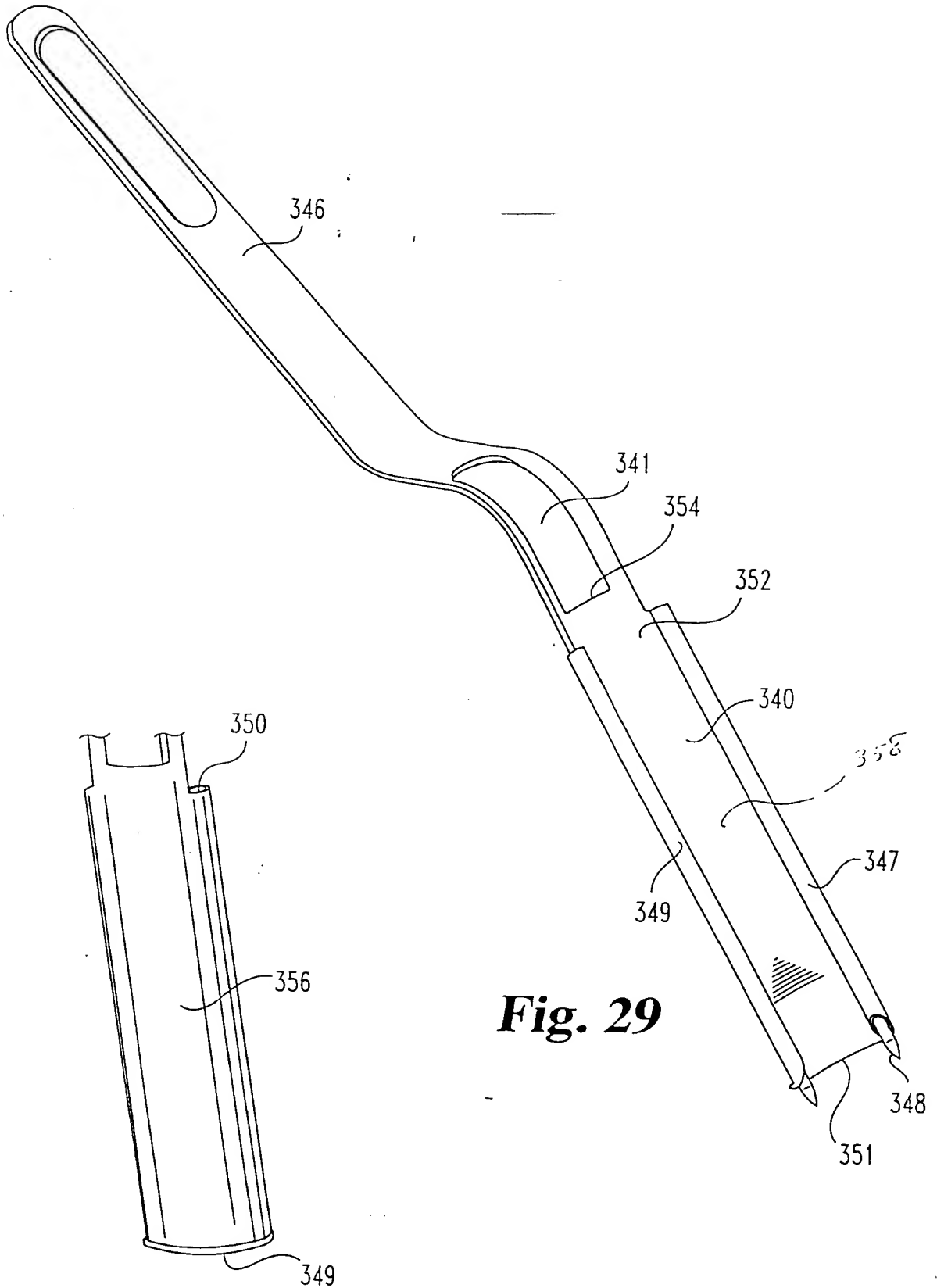


Fig. 27







**Fig. 29**

**Fig. 29a**

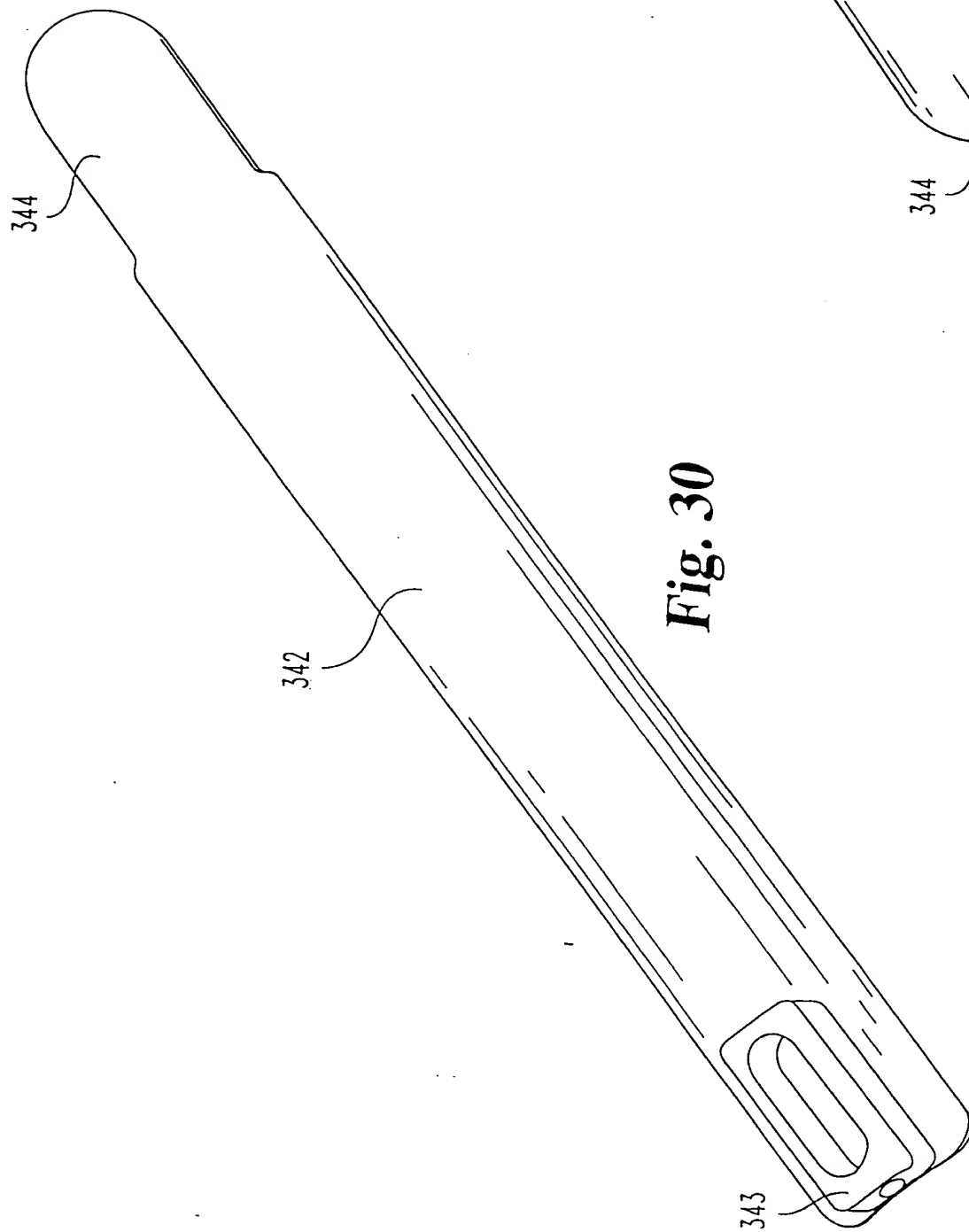


Fig. 30

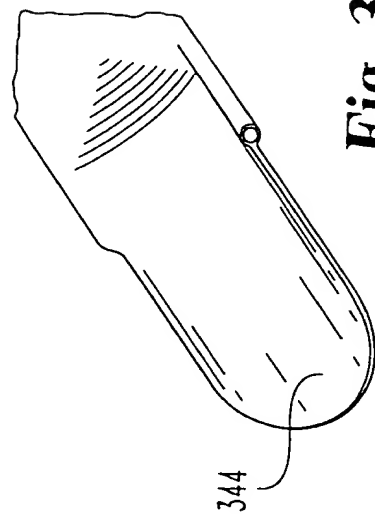


Fig. 30a

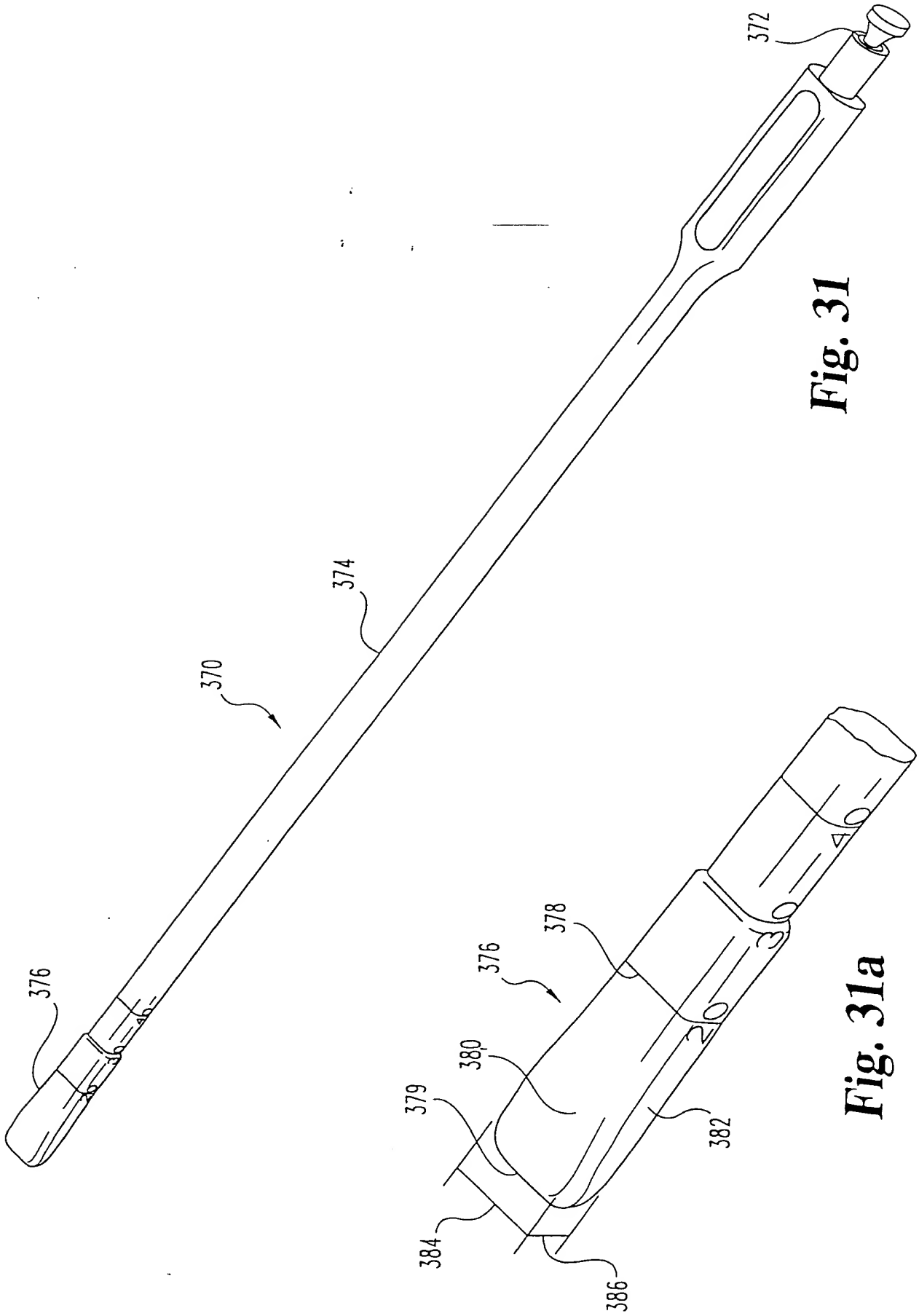
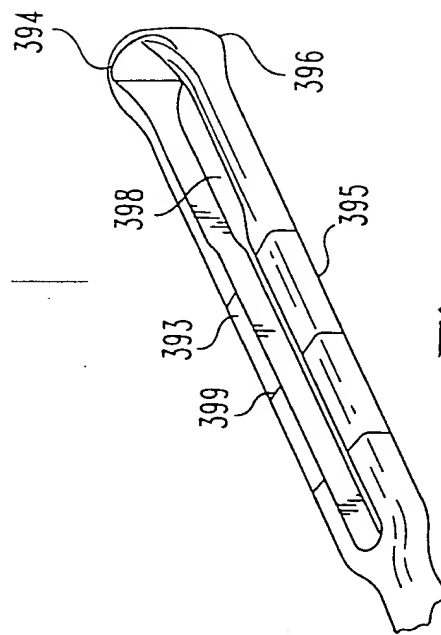
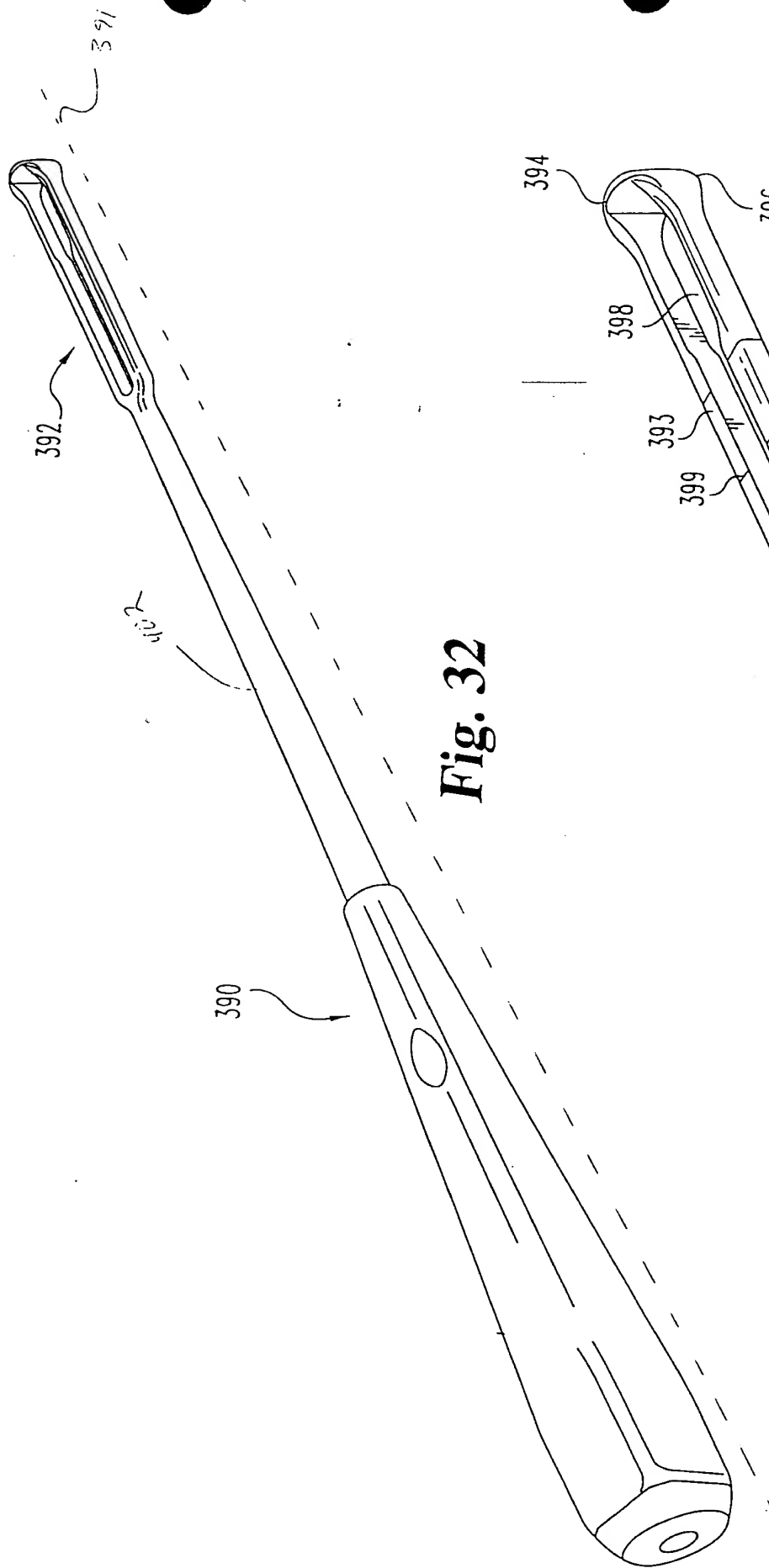


Fig. 31

Fig. 31a



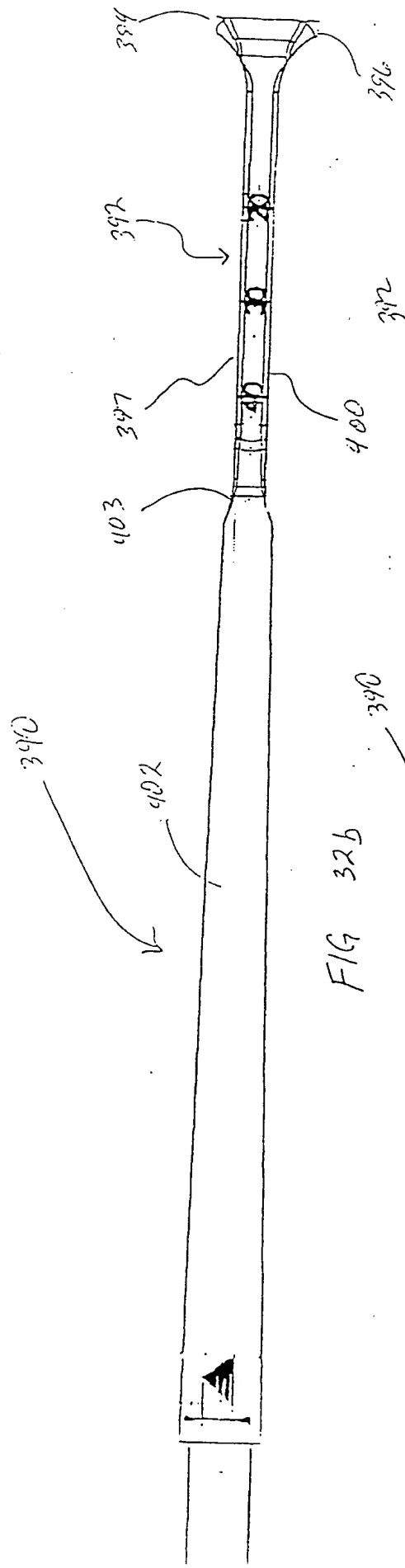


FIG 32b

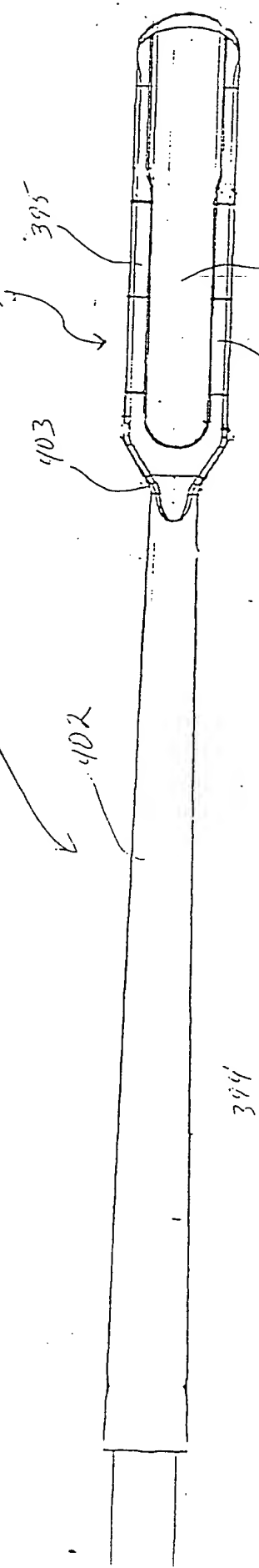


FIG 32c

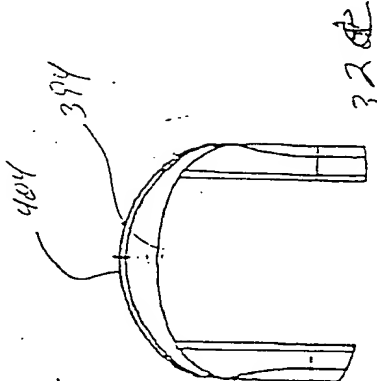
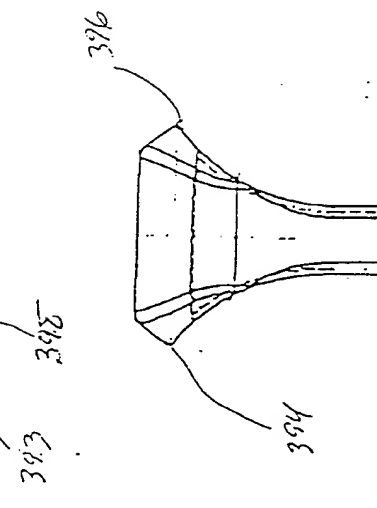
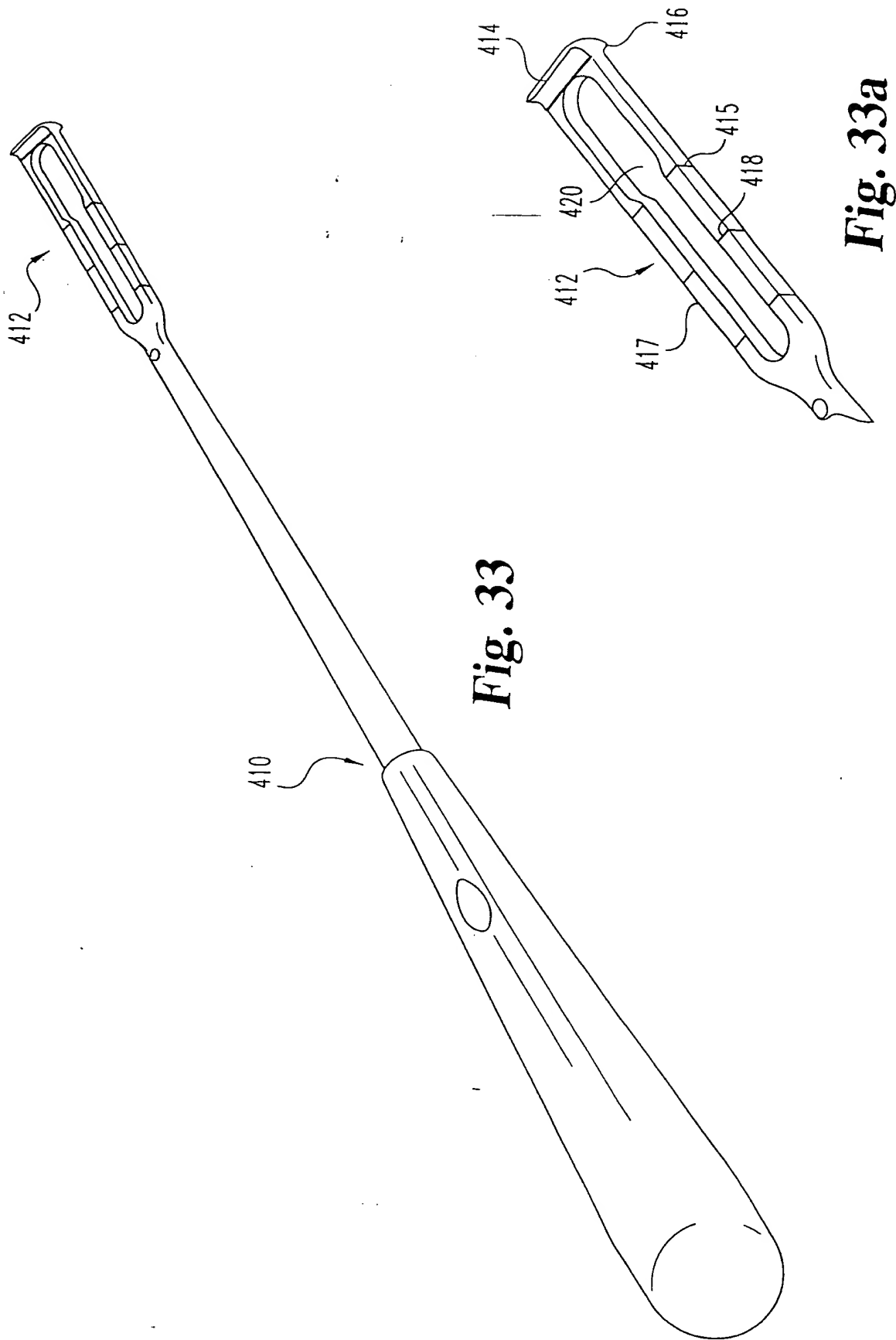
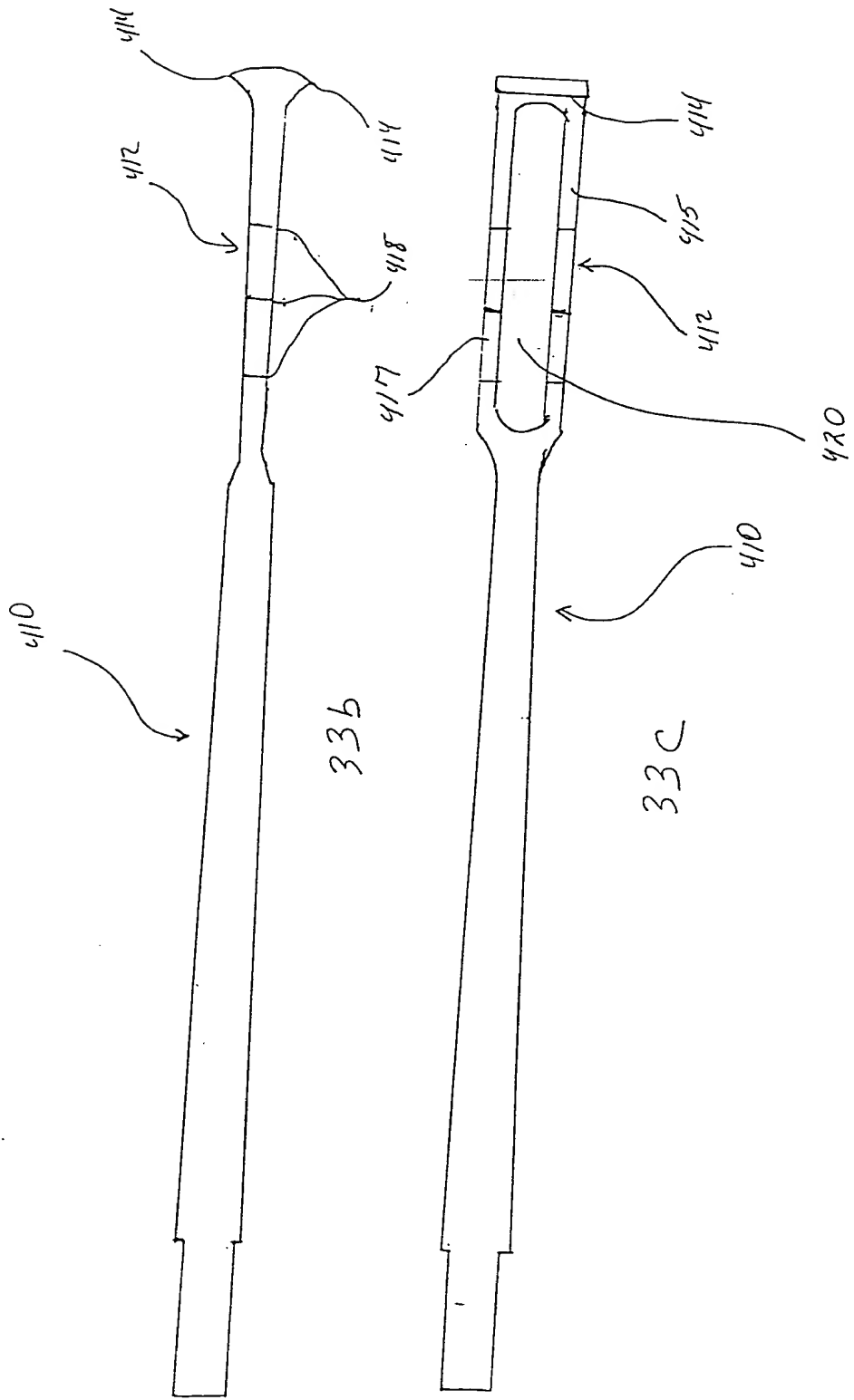


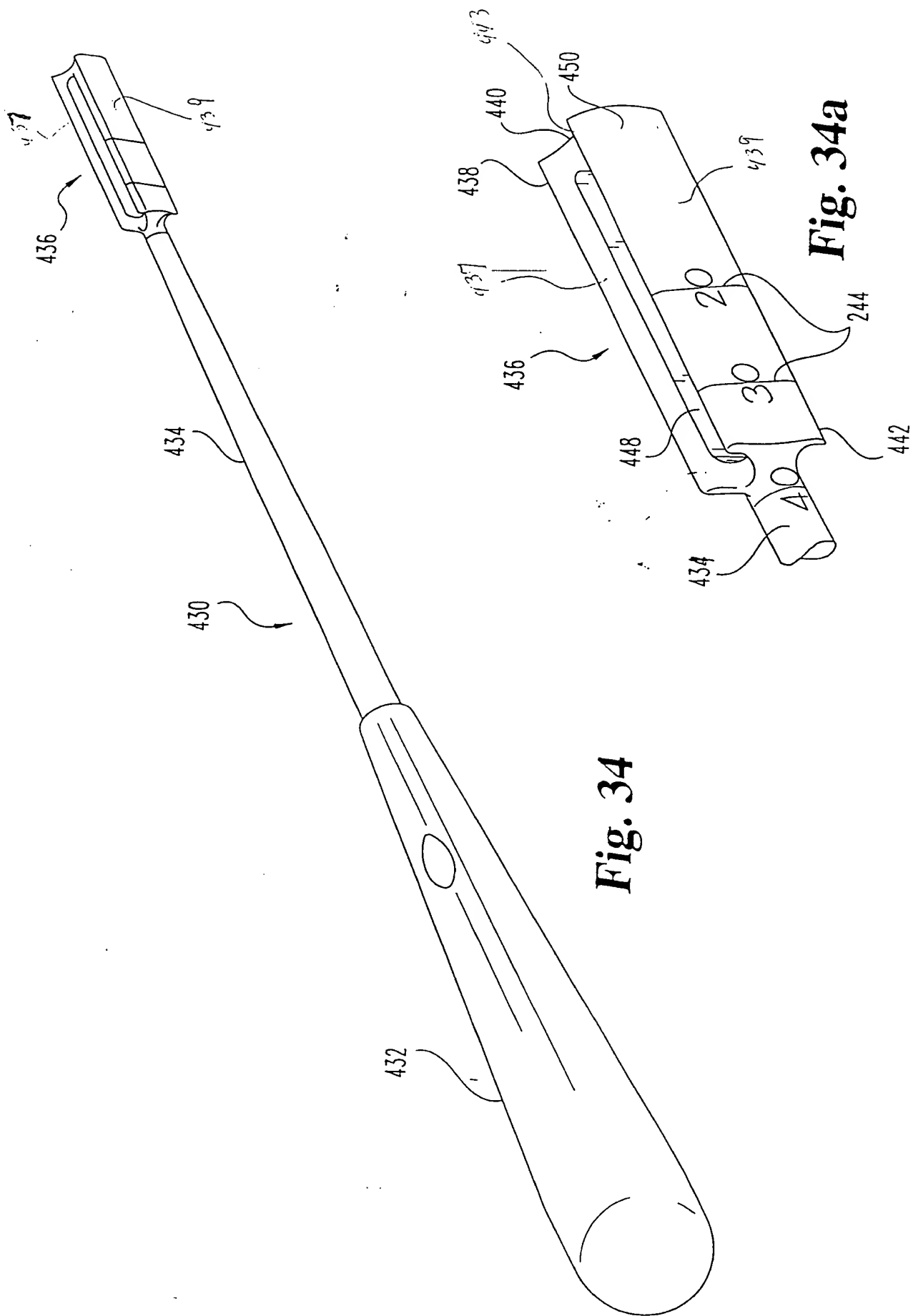
FIG 32d

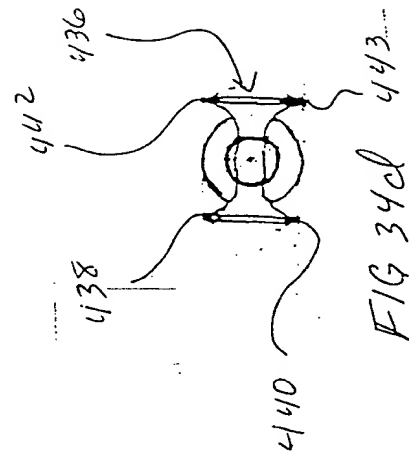
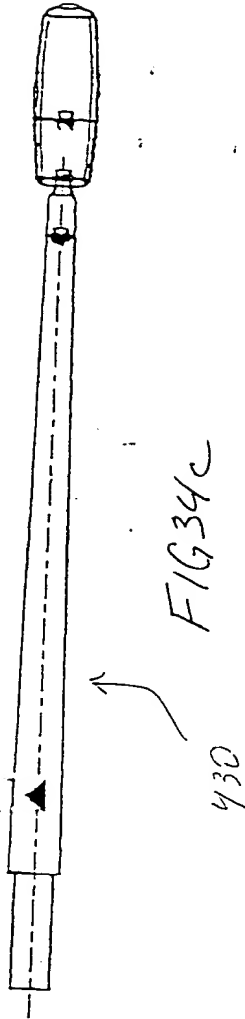
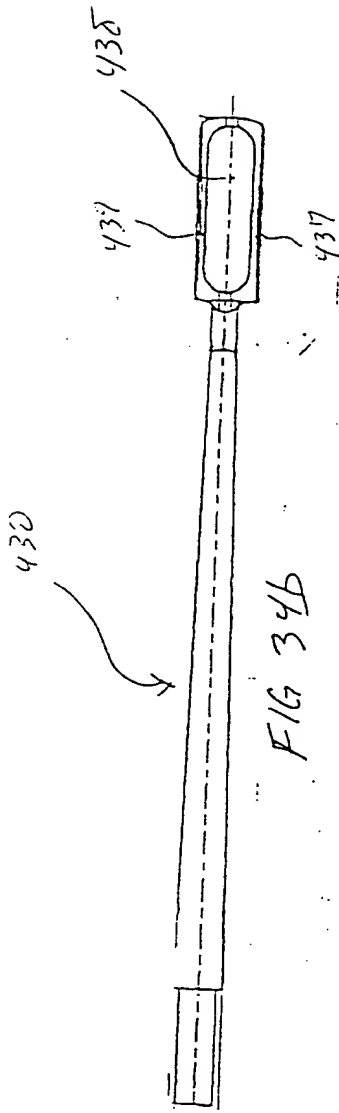












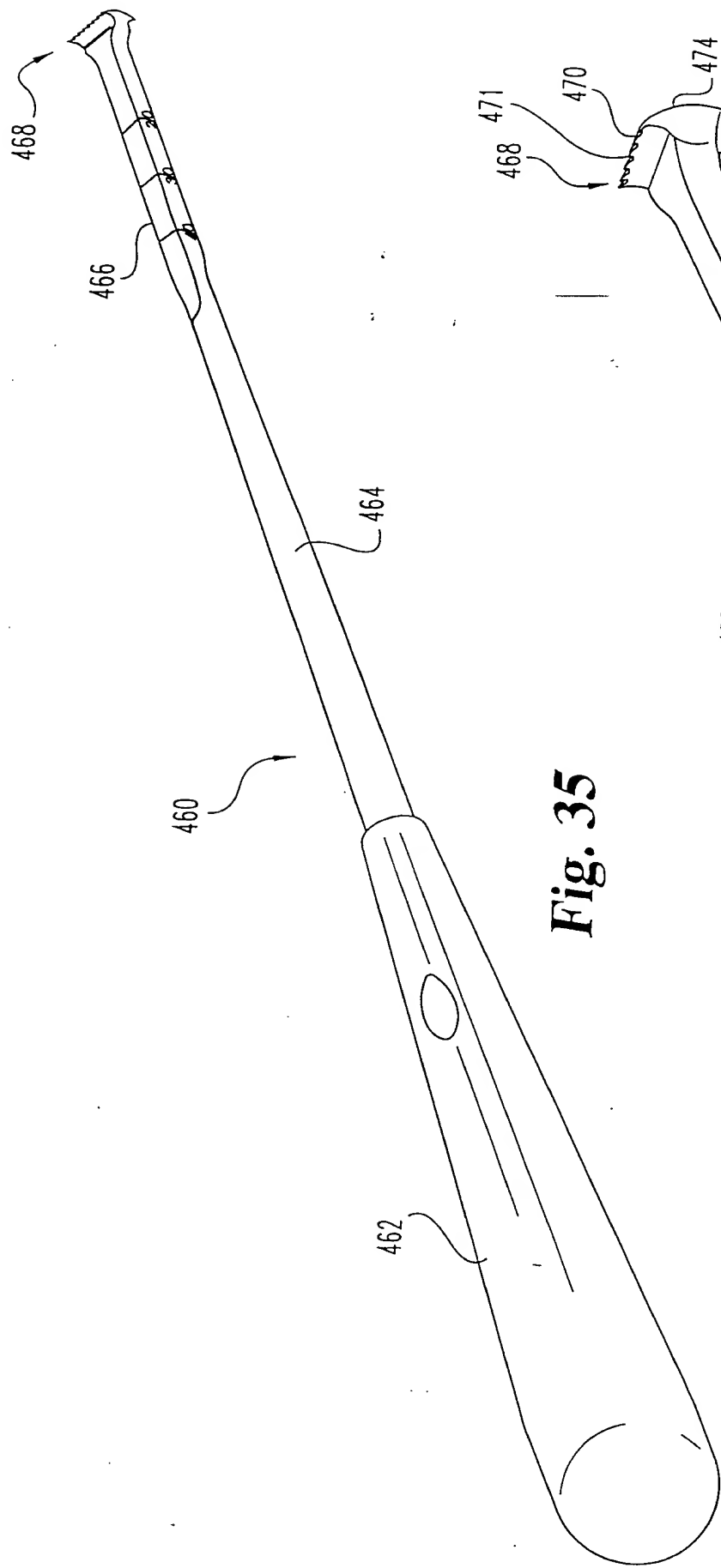


Fig. 35

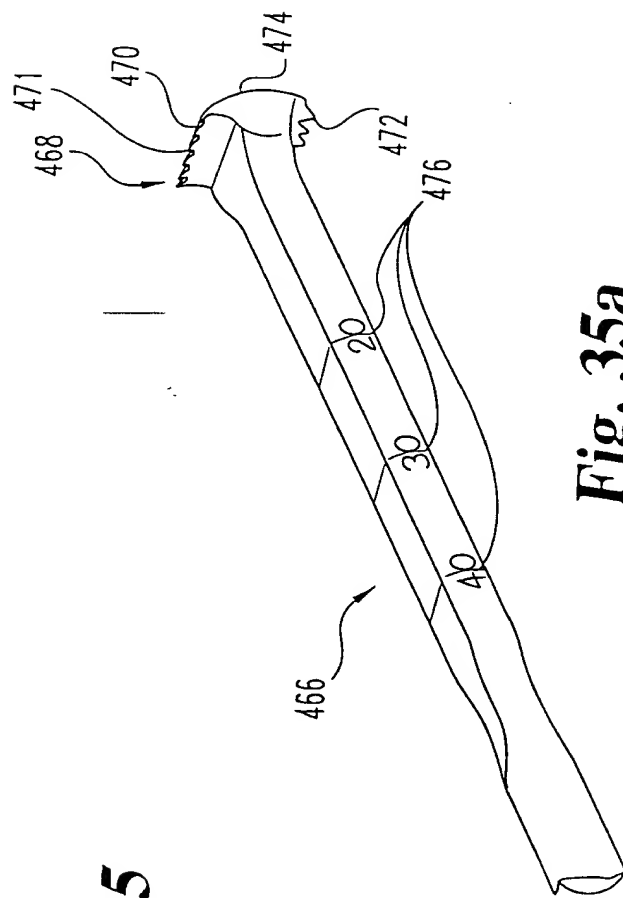


Fig. 35a

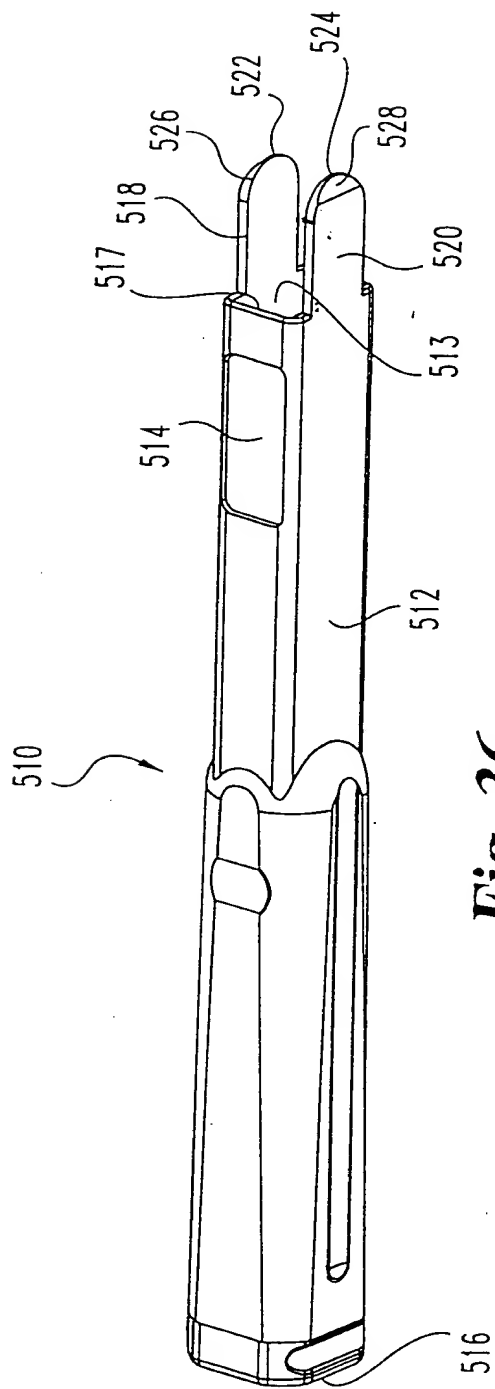


Fig. 36

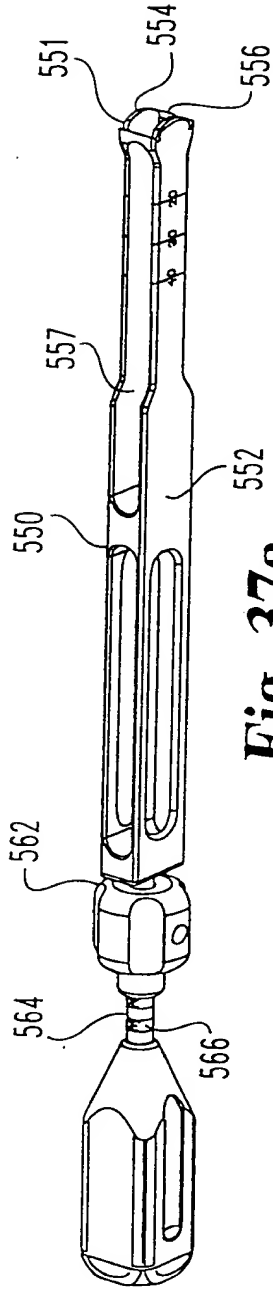


Fig. 37a

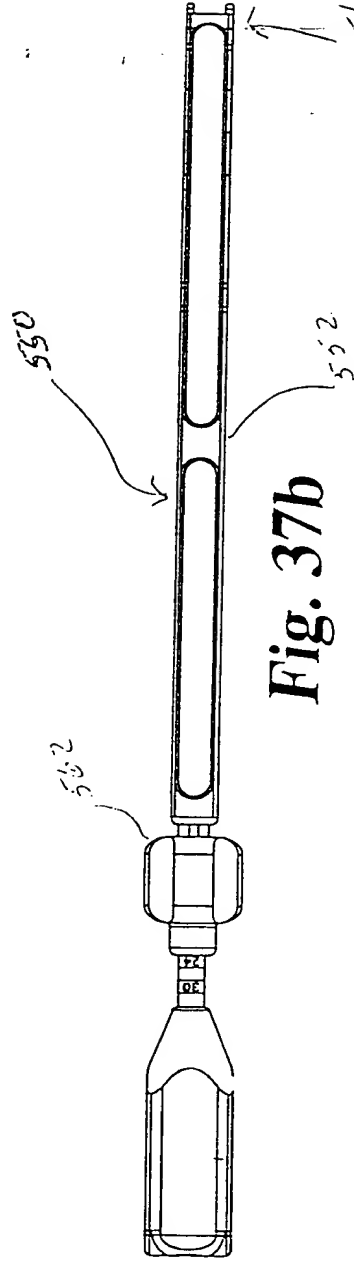


Fig. 37b

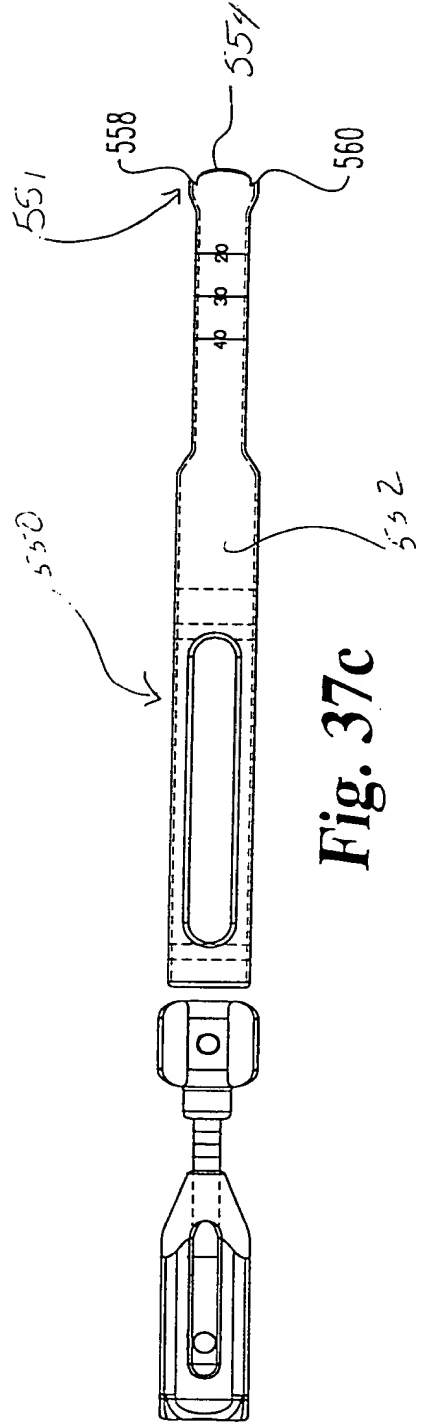


Fig. 37c

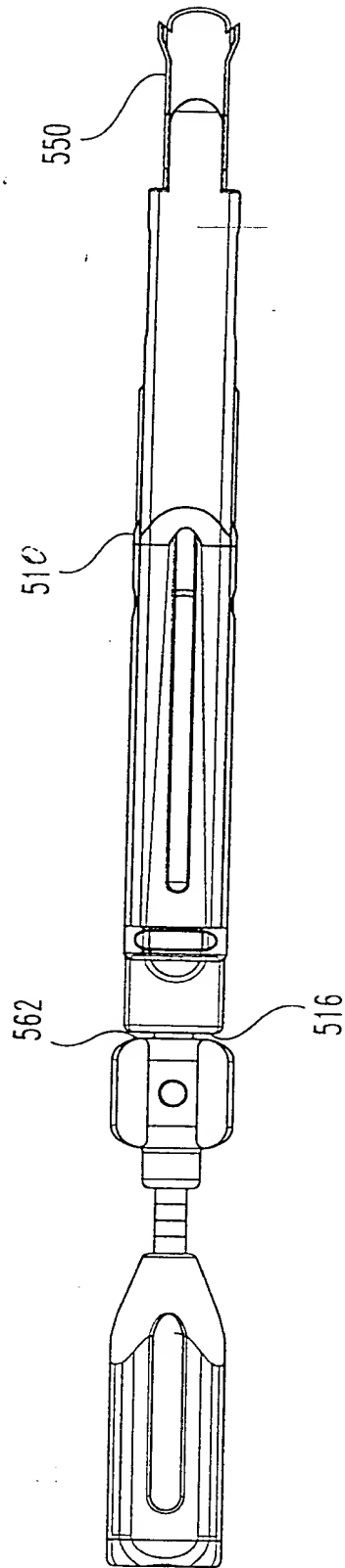


Fig. 38

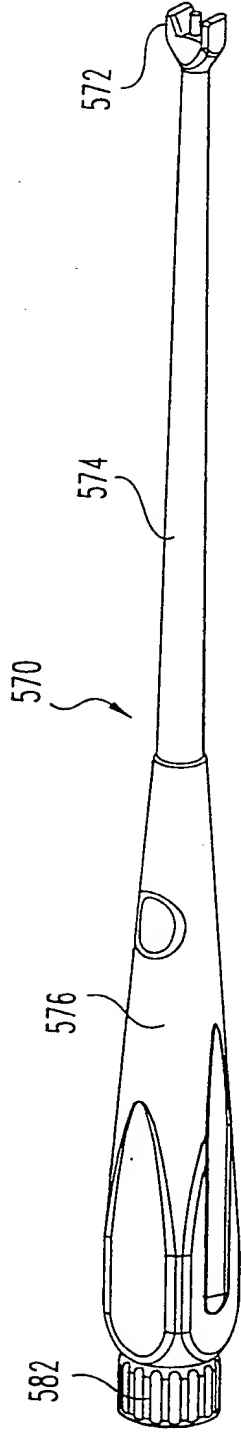


Fig. 39a

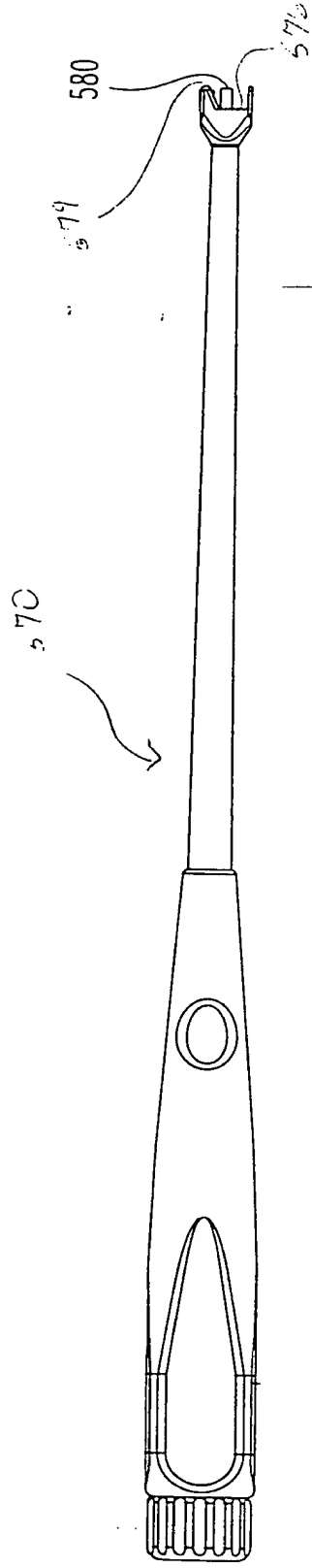


Fig. 39b

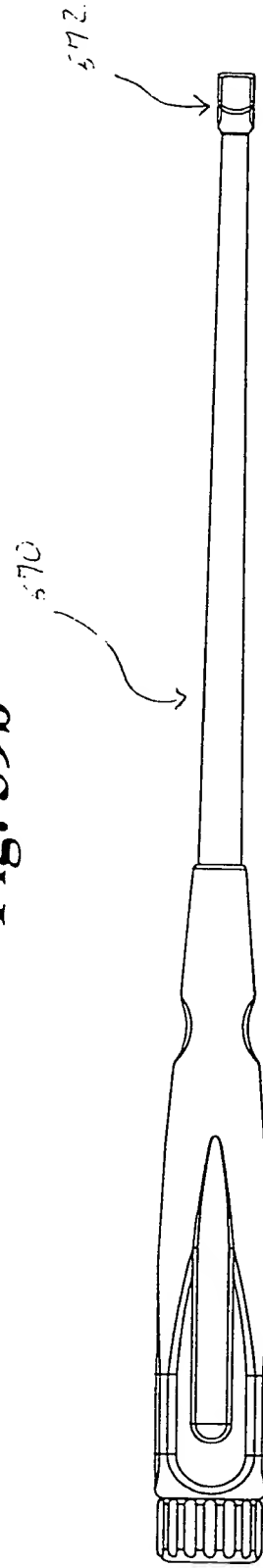


Fig. 39c

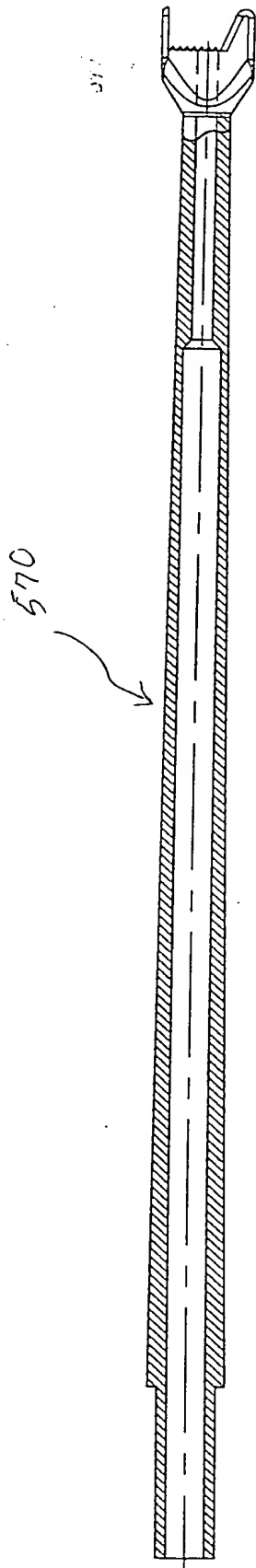


Fig. 39d

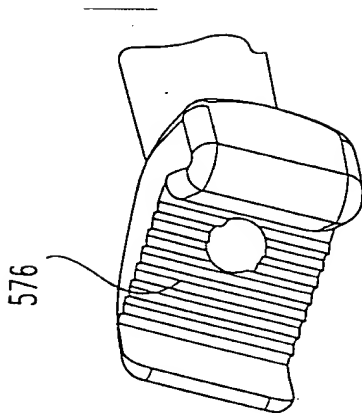


Fig. 39f

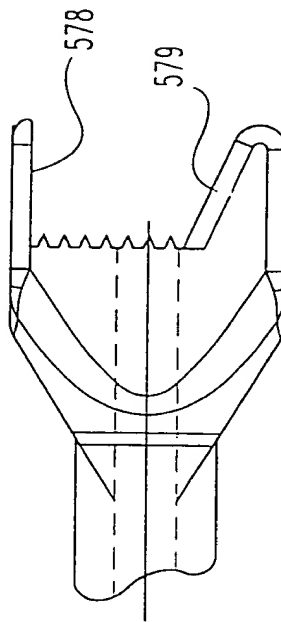
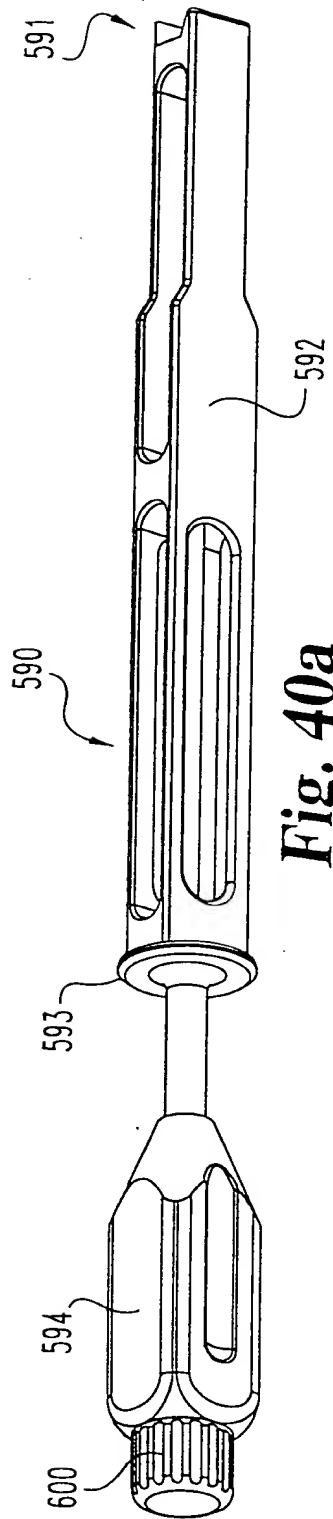
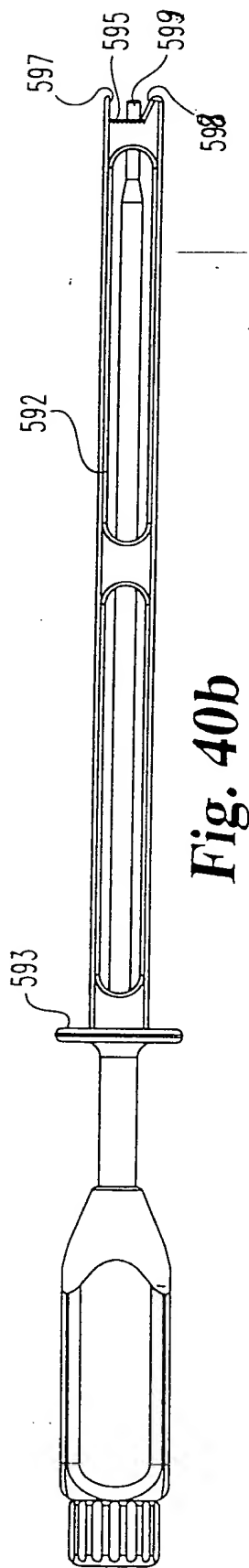


Fig. 39e

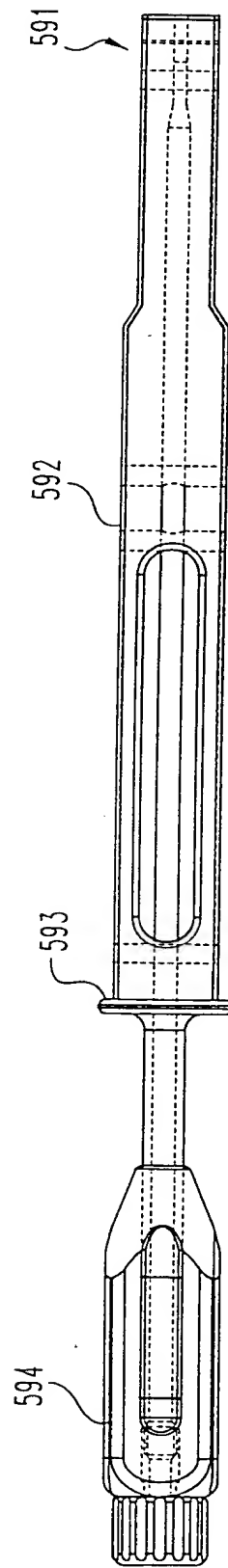




**Fig. 40a**



**Fig. 40b**



**Fig. 40c**

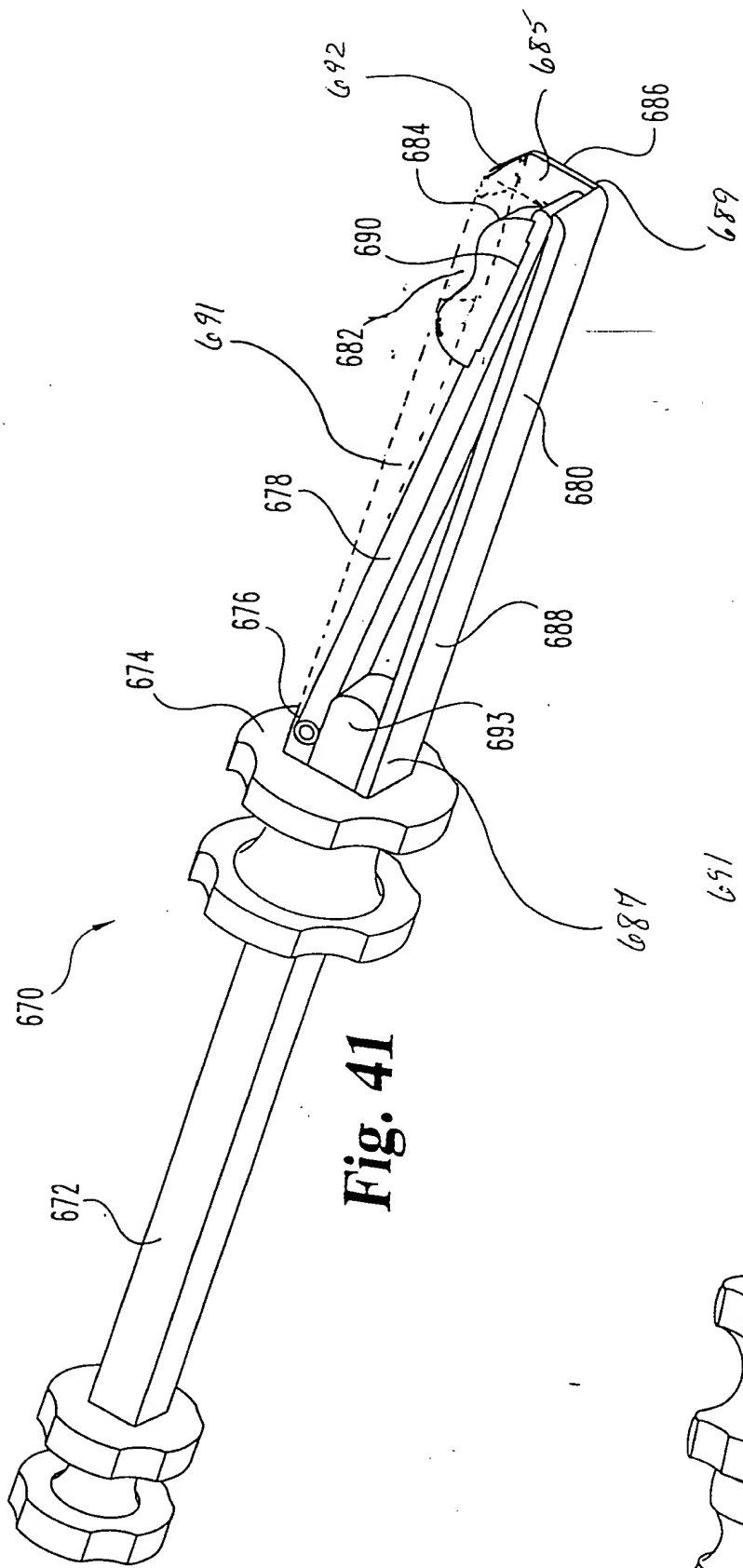


Fig. 41

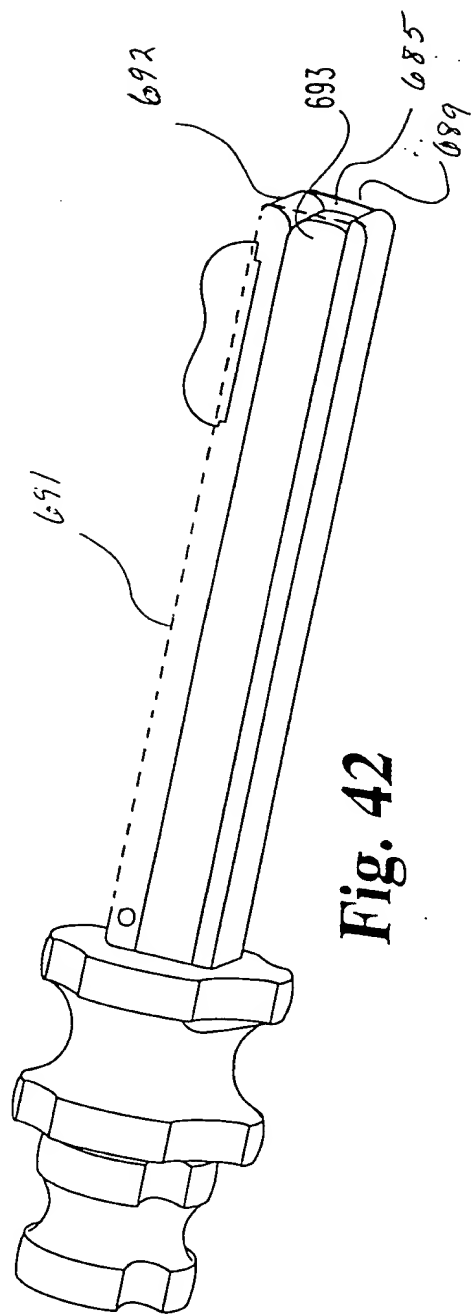
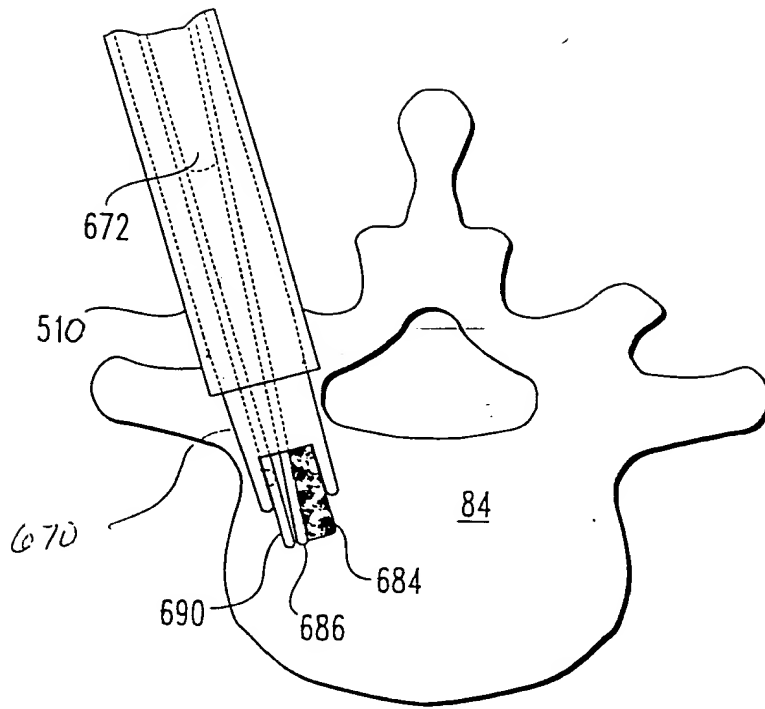
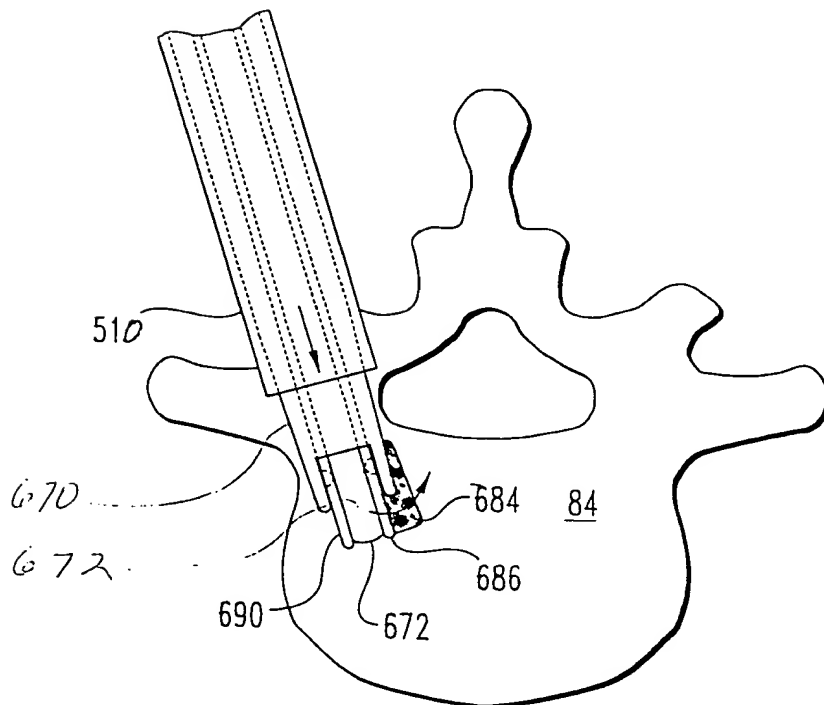


Fig. 42



**Fig. 43a**



**Fig. 43b**

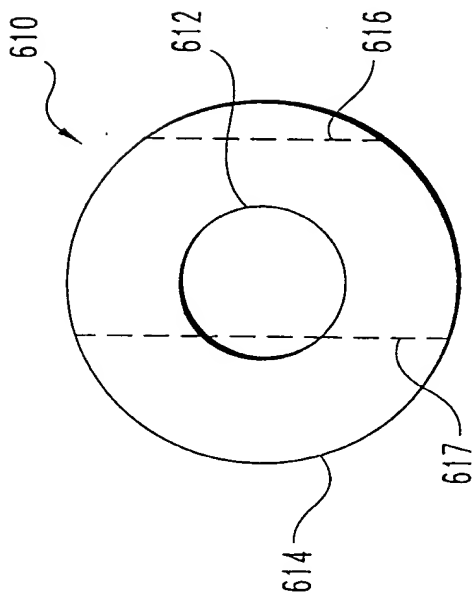


Fig. 44a

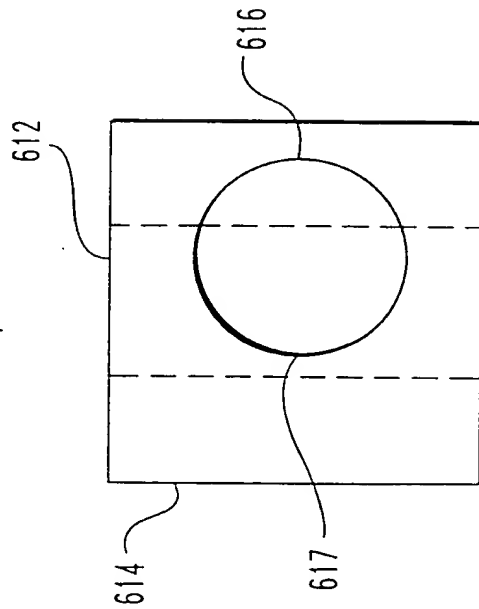


Fig. 44b

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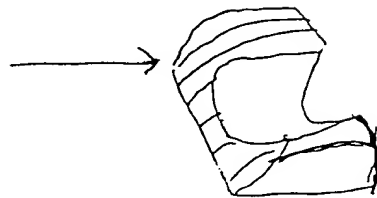


Fig. 44c

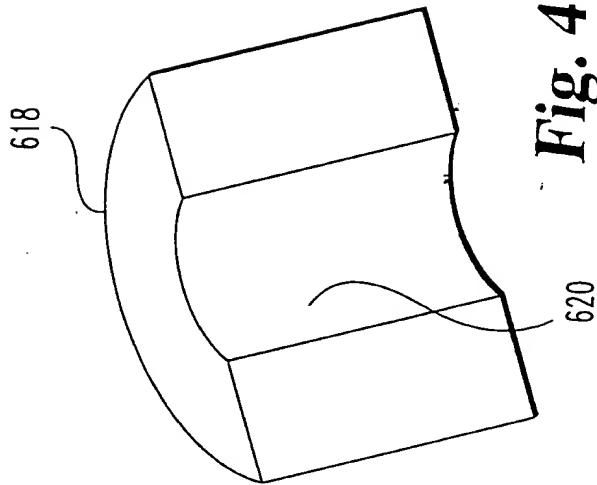


Fig. 46

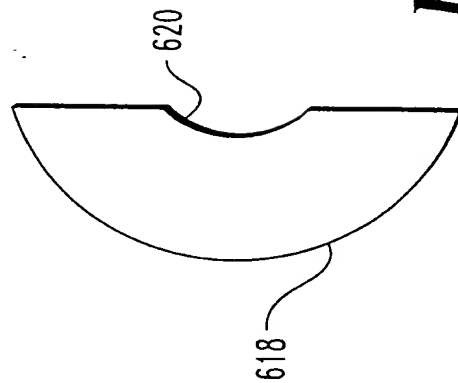
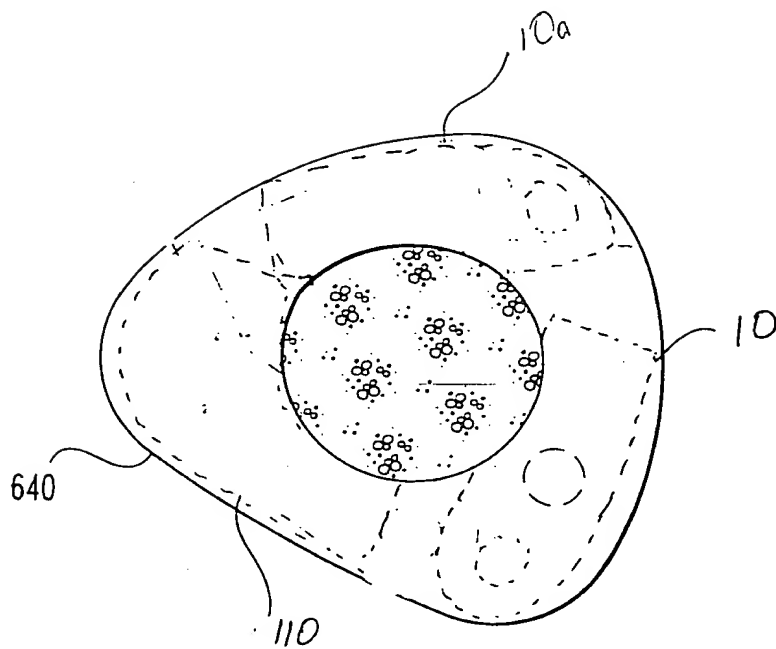
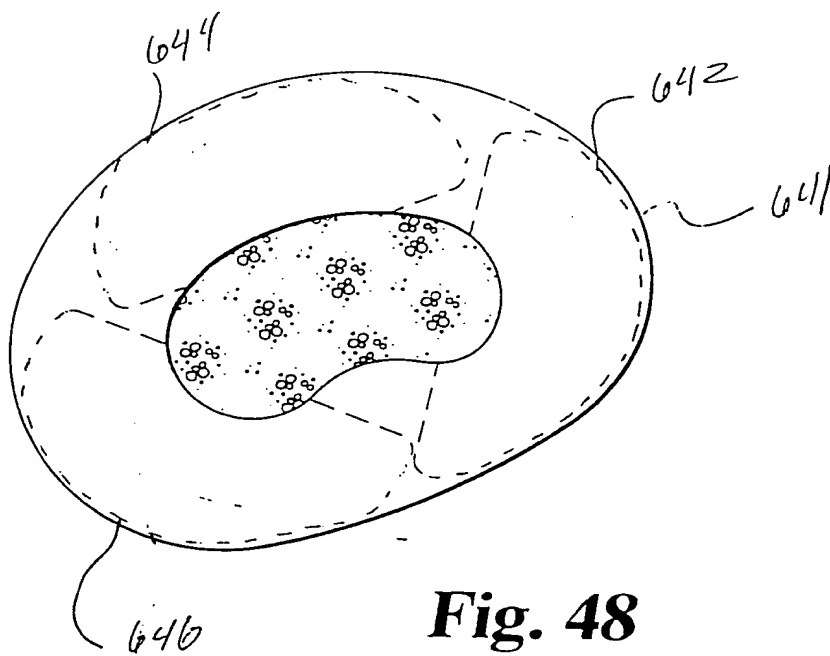


Fig. 45



**Fig. 47**



**Fig. 48**